STIC Search Report
Biotech-Chem Library

STIC Database Tracking Number 142556

TO: Nita M Minnifield **Location: REM/3C01/3C18** **Art Unit: 1645** **Thursday, March 31, 2005** **Case Serial Number: 09/124280**	**From: Toby Port** **Location: Biotech-Chem Library** **REM1-A59** **Phone: 272-2523** **toby.port@uspto.gov**

Search Notes

Dear Examiner Minnifield,

Here are the results of your search.
Please feel free to contact me if you have any questions.

Toby Port

STIC-Biotech/ChemLib 148556

From: Pak, Michael
Sent: Tuesday, March 22, 2005 3:52 PM
To: STIC-Biotech/ChemLib
Cc: Minnifield, Nita
Subject: FW: sequence search approval needed for 09/124280

Dear Stic,

Please search the multiple sequence search request set forth below.

Thanks,

Mike Pak

-----Original Message-----
From: Minnifield, Nita
Sent: Tuesday, March 22, 2005 2:54 PM
To: Pak, Michael
Subject: sequence search approval needed for 09/124280

Michael,
I have an application that I inherited several years ago from an examiner that left the office. The previous examiner had all (41) of these sequences searched. By the time I got the case applicant had already received at least two Office Actions with all of these sequences examined. Now it is time to allow and I need approval to have an interference search done.
They are all amino acid sequences, 6-13 aa/sequence.

I would appreciate approval to have an interference sequence search done on SEQ ID NO: 1, 4-19, 21-28, 30-45 of this application.

Thanks,
Minnifield
71976
Art Unit 1645
Office REM-3C01
Mailbox REM-3C18
571-272-0860

****
STAFF USE ONLY

Searcher:_____
Searcher Phone: 2-
Date Searcher Picked up:____
Date Completed:_____
Searcher Prep/Rev. Time:___
Online Time:_____

****
Type of Search

NA#:_____ AA#:_____
Interference:____ SPDI:___
S/L:_____ Oligomer:_____
Encode/Transl:_____
Structure#:_____ Text:___
Inventor:____ Litigation:___

****
Vendors and cost where applicable
STN:_____
DIALOG:_____
QUESTEL/ORBIT:_____
LEXIS/NEXIS:_____
SEQUENCE SYSTEM:_____
WWW/Internet:_____
Other(Specify):_____

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 13:47:57 ; Search time 46 Seconds
(without alignments)
79.176 Million cell updates/sec

Title: US-09-124-280A-45
Perfect score: 64
Sequence: 1 KRLKWKYKGKF 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	64	100.0	11	9	US-09-124-280A-28	Sequence 28, Appl
2	64	100.0	11	9	US-09-124-280A-45	Sequence 45, Appl
3	61	95.3	26	14	US-10-131-433-2	Sequence 2, Appli
4	61	95.3	27	9	US-09-109-175-3	Sequence 3, Appli
5	61	95.3	27	14	US-10-131-433-3	Sequence 3, Appli
6	61	95.3	27	14	US-10-241-173-3	Sequence 3, Appli
7	61	95.3	101	9	US-09-109-175-5	Sequence 5, Appli
8	61	95.3	101	14	US-10-241-173-5	Sequence 5, Appli
9	61	95.3	105	9	US-09-109-175-2	Sequence 2, Appli
10	61	95.3	105	14	US-10-241-173-2	Sequence 2, Appli
11	46	71.9	76	15	US-10-424-599-261856	Sequence 261856,
12	46	71.9	222	15	US-10-424-599-220516	Sequence 220516,
13	46	71.9	298	15	US-10-424-599-168507	Sequence 168507,
14	44	68.8	16	14	US-10-271-343-54	Sequence 54, Appl
15	43	67.2	139	15	US-10-264-237-1594	Sequence 1594, Ap
16	43	67.2	237	10	US-09-809-391-418	Sequence 418, App
17	43	67.2	237	10	US-09-882-171-418	Sequence 418, App
18	43	67.2	237	15	US-10-164-861-418	Sequence 418, App
19	43	67.2	297	15	US-10-424-599-275411	Sequence 275411,
20	43	67.2	652	14	US-10-317-832-107	Sequence 107, App
21	43	67.2	761	14	US-10-317-832-14	Sequence 14, Appl
22	42	65.6	302	15	US-10-424-599-176897	Sequence 176897,
23	42	65.6	307	15	US-10-424-599-171211	Sequence 171211,
24	42	65.6	577	15	US-10-104-047-2569	Sequence 2569, Ap
25	42	65.6	661	17	US-10-741-600-1621	Sequence 1621, Ap
26	41	64.1	246	16	US-10-767-701-44699	Sequence 44699, A
27	41	64.1	290	15	US-10-425-114-54991	Sequence 54991, A
28	41	64.1	304	11	US-09-833-245-190	Sequence 190, App
29	41	64.1	338	15	US-10-424-599-261671	Sequence 261671,
30	41	64.1	346	15	US-10-424-599-259553	Sequence 259553,
31	41	64.1	1020	16	US-10-437-963-131231	Sequence 131231,
32	40	62.5	29	14	US-10-029-386-32465	Sequence 32465, A
33	40	62.5	93	15	US-10-425-114-57226	Sequence 57226, A
34	40	62.5	125	16	US-10-767-701-57242	Sequence 57242, A
35	40	62.5	273	16	US-10-437-963-190100	Sequence 190100,
36	40	62.5	291	16	US-10-437-963-145297	Sequence 145297,
37	40	62.5	319	15	US-10-425-114-59761	Sequence 59761, A
38	40	62.5	343	15	US-10-425-114-40924	Sequence 40924, A
39	40	62.5	357	15	US-10-425-114-57270	Sequence 57270, A
40	40	62.5	395	15	US-10-425-114-70295	Sequence 70295, A
41	40	62.5	406	16	US-10-437-963-125874	Sequence 125874,
42	40	62.5	420	15	US-10-425-114-54478	Sequence 54478, A
43	40	62.5	422	16	US-10-437-963-166654	Sequence 166654,
44	40	62.5	435	16	US-10-437-963-110656	Sequence 110656,
45	40	62.5	460	15	US-10-425-114-50342	Sequence 50342, A
46	40	62.5	496	15	US-10-425-114-69635	Sequence 69635, A
47	40	62.5	745	15	US-10-425-114-57871	Sequence 57871, A
48	40	62.5	1046	15	US-10-425-114-57950	Sequence 57950, A
49	40	62.5	1148	16	US-10-437-963-111298	Sequence 111298,
50	40	62.5	2222	16	US-10-684-141-4	Sequence 4, Appli
51	40	62.5	2222	17	US-10-810-486-4	Sequence 4, Appli
52	39	60.9	499	15	US-10-369-493-3504	Sequence 3504, Ap
53	39	60.9	1004	15	US-10-114-270-32	Sequence 32, Appl
54	39	60.9	2004	14	US-10-331-061-9	Sequence 9, Appli
55	39	60.9	2029	15	US-10-087-684-38	Sequence 38, Appl
56	39	60.9	2029	15	US-10-218-779-38	Sequence 38, Appl
57	39	60.9	2037	15	US-10-087-684-39	Sequence 39, Appl
58	39	60.9	2037	15	US-10-218-779-39	Sequence 39, Appl
59	38	59.4	14	16	US-10-469-060-177	Sequence 177, App
60	38	59.4	63	15	US-10-424-599-153027	Sequence 153027,
61	38	59.4	104	15	US-10-424-599-279441	Sequence 279441,
62	38	59.4	150	14	US-10-138-505-36	Sequence 36, Appl
63	38	59.4	150	15	US-10-257-864A-94	Sequence 94, Appl
64	38	59.4	150	15	US-10-221-131-99	Sequence 99, Appl
65	38	59.4	150	15	US-10-399-518-123	Sequence 123, App
66	38	59.4	216	9	US-09-815-242-13375	Sequence 13375, A
67	38	59.4	216	15	US-10-282-122A-73827	Sequence 73827, A
68	38	59.4	216	17	US-10-472-928-838	Sequence 838, App
69	38	59.4	245	16	US-10-437-963-151329	Sequence 151329,
70	38	59.4	293	15	US-10-424-599-184005	Sequence 184005,
71	38	59.4	323	15	US-10-363-616-338	Sequence 338, App
72	38	59.4	323	17	US-10-482-029-14	Sequence 14, Appl
73	38	59.4	353	14	US-10-106-698-6180	Sequence 6180, Ap
74	38	59.4	373	15	US-10-264-049-3049	Sequence 3049, Ap
75	38	59.4	527	9	US-09-962-678-2	Sequence 2, Appli
76	38	59.4	527	9	US-09-981-353-166	Sequence 166, App
77	38	59.4	527	13	US-10-052-586-522	Sequence 522, App
78	38	59.4	527	14	US-10-174-590-522	Sequence 522, App
79	38	59.4	527	14	US-10-176-758-522	Sequence 522, App
80	38	59.4	527	14	US-10-175-737-522	Sequence 522, App
81	38	59.4	527	14	US-10-174-581-522	Sequence 522, App
82	38	59.4	527	14	US-10-176-483-522	Sequence 522, App
83	38	59.4	527	14	US-10-176-749-522	Sequence 522, App
84	38	59.4	527	14	US-10-176-914-522	Sequence 522, App
85	38	59.4	527	14	US-10-176-915-522	Sequence 522, App
86	38	59.4	527	14	US-10-173-706-522	Sequence 522, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:25:26 ; Search time 45 Seconds
(without alignments)
18.248 Million cell updates/sec

Title: US-09-124-280A-45
Perfect score: 64
Sequence: 1 KRLKWKYKGKF 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	64	100.0	11	1	US-08-097-830E-28	Sequence 28, Appl
2	64	100.0	11	2	US-08-456-112B-28	Sequence 28, Appl
3	64	100.0	11	2	US-08-456-112B-45	Sequence 45, Appl
4	64	100.0	102	1	US-08-169-701-1	Sequence 1, Appli
5	64	100.0	102	2	US-08-760-903-1	Sequence 1, Appli
6	64	100.0	102	4	US-08-482-191-1	Sequence 1, Appli
7	64	100.0	102	5	PCT-US96-10227-1	Sequence 1, Appli
8	61	95.3	19	3	US-08-477-778-15	Sequence 15, Appl
9	61	95.3	22	3	US-09-160-309-1	Sequence 1, Appli
10	61	95.3	22	3	US-08-477-778-8	Sequence 8, Appli
11	61	95.3	22	4	US-09-691-500-1	Sequence 1, Appli
12	61	95.3	101	1	US-08-264-244-1	Sequence 1, Appli
13	61	95.3	101	1	US-08-478-689-1	Sequence 1, Appli
14	61	95.3	101	1	US-08-476-940-1	Sequence 1, Appli
15	61	95.3	101	1	US-08-704-872-1	Sequence 1, Appli
16	61	95.3	101	1	US-08-577-464-2	Sequence 2, Appli
17	61	95.3	101	3	US-08-967-038-1	Sequence 1, Appli
18	61	95.3	101	3	US-08-871-600A-1	Sequence 1, Appli
19	61	95.3	105	1	US-08-264-244-3	Sequence 3, Appli
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21	61	95.3	105	1	US-08-476-940-3	Sequence 3, Appli
22	61	95.3	105	1	US-08-704-872-3	Sequence 3, Appli
23	61	95.3	105	3	US-08-967-038-3	Sequence 3, Appli
24	61	95.3	105	3	US-08-871-600A-3	Sequence 3, Appli
25	59	92.2	11	1	US-08-366-953A-25	Sequence 25, Appl
26	48	75.0	221	4	US-09-489-039A-13704	Sequence 13704, A
27	43	67.2	237	4	US-09-149-476-418	Sequence 418, App
28	42	65.6	661	4	US-09-949-016-6157	Sequence 6157, Ap
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36	38	59.4	78	4	US-09-513-999C-7361	Sequence 7361, Ap
37	38	59.4	216	4	US-09-583-110-4675	Sequence 4675, Ap
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41	37	57.8	210	4	US-09-248-796A-15869	Sequence 15869, A
42	37	57.8	484	4	US-09-583-110-3742	Sequence 3742, Ap
43	37	57.8	486	4	US-09-107-433-3217	Sequence 3217, Ap
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46	36	56.2	243	4	US-09-107-532A-6856	Sequence 6856, Ap
47	36	56.2	259	4	US-09-107-433-4239	Sequence 4239, Ap
48	36	56.2	500	4	US-09-328-352-6895	Sequence 6895, Ap
49	35	54.7	111	4	US-09-248-796A-22570	Sequence 22570, A
50	35	54.7	187	4	US-09-328-352-4606	Sequence 4606, Ap
51	35	54.7	264	4	US-09-902-540-16652	Sequence 16652, A
52	35	54.7	332	1	US-08-469-649-2	Sequence 2, Appli
53	35	54.7	332	3	US-09-347-878-60	Sequence 60, Appl
54	35	54.7	341	4	US-09-902-540-13885	Sequence 13885, A
55	35	54.7	393	4	US-09-248-796A-18861	Sequence 18861, A
56	35	54.7	404	4	US-09-543-681A-4348	Sequence 4348, Ap
57	35	54.7	737	4	US-09-538-092-921	Sequence 921, App
58	35	54.7	1551	4	US-09-231-899-73	Sequence 73, Appl
59	34	53.1	25	1	US-07-921-178A-16	Sequence 16, Appl
60	34	53.1	32	4	US-09-270-767-57653	Sequence 57653, A
61	34	53.1	51	4	US-09-079-030-84	Sequence 84, Appl
62	34	53.1	107	3	US-08-654-482-5	Sequence 5, Appli
63	34	53.1	107	3	US-08-654-482-6	Sequence 6, Appli
64	34	53.1	108	3	US-08-654-482-1	Sequence 1, Appli
65	34	53.1	108	3	US-08-654-482-2	Sequence 2, Appli
66	34	53.1	136	4	US-09-513-999C-5424	Sequence 5424, Ap
67	34	53.1	139	4	US-09-270-767-40371	Sequence 40371, A
68	34	53.1	139	4	US-09-270-767-55587	Sequence 55587, A
69	34	53.1	217	4	US-09-949-016-6509	Sequence 6509, Ap
70	34	53.1	228	4	US-09-949-016-9719	Sequence 9719, Ap
71	34	53.1	233	4	US-09-949-016-8117	Sequence 8117, Ap
72	34	53.1	249	4	US-09-252-991A-16620	Sequence 16620, A
73	34	53.1	259	4	US-09-328-352-7755	Sequence 7755, Ap
74	34	53.1	261	4	US-09-489-039A-7997	Sequence 7997, Ap
75	34	53.1	290	3	US-09-134-001C-4044	Sequence 4044, Ap
76	34	53.1	292	4	US-09-902-540-15020	Sequence 15020, A
77	34	53.1	367	3	US-09-166-205B-68	Sequence 68, Appl
78	34	53.1	367	4	US-09-806-658-4	Sequence 4, Appli
79	34	53.1	372	2	US-08-501-003A-12	Sequence 12, Appl
80	34	53.1	379	4	US-09-079-030-81	Sequence 81, Appl
81	34	53.1	383	2	US-08-501-003A-14	Sequence 14, Appl
82	34	53.1	389	2	US-08-501-003A-11	Sequence 11, Appl
83	34	53.1	391	1	US-07-921-178A-2	Sequence 2, Appli
84	34	53.1	391	1	US-08-103-445-5	Sequence 5, Appli
85	34	53.1	391	1	US-08-461-690B-5	Sequence 5, Appli
86	34	53.1	391	2	US-08-501-003A-13	Sequence 13, Appl
87	34	53.1	391	2	US-08-501-003A-16	Sequence 16, Appl
88	34	53.1	391	4	US-09-275-252A-13	Sequence 13, Appl
89	34	53.1	391	4	US-09-949-016-5904	Sequence 5904, Ap
90	34	53.1	393	3	US-09-230-371A-29	Sequence 29, Appl
91	34	53.1	397	4	US-09-252-991A-22719	Sequence 22719, A
92	34	53.1	398	2	US-08-501-003A-15	Sequence 15, Appl
93	34	53.1	411	4	US-09-949-016-8100	Sequence 8100, Ap
94	34	53.1	425	3	US-09-230-371A-30	Sequence 30, Appl
95	34	53.1	439	4	US-09-949-016-11483	Sequence 11483, A
96	34	53.1	450	2	US-08-611-280-2	Sequence 2, Appli
97	34	53.1	450	2	US-08-611-280-25	Sequence 25, Appl
98	34	53.1	450	3	US-09-195-940-2	Sequence 2, Appli
99	34	53.1	450	3	US-09-195-940-25	Sequence 25, Appl
100	34	53.1	450	3	US-09-562-466-2	Sequence 2, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-44
Perfect score: 55
Sequence: 1 KWKAQKRFLK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	9	US-09-765-527-8	Sequence 8, Appli
2	55	100.0	10	9	US-09-124-280A-27	Sequence 27, Appl
3	55	100.0	10	9	US-09-124-280A-44	Sequence 44, Appl
4	55	100.0	10	15	US-10-446-628-8	Sequence 8, Appli
5	55	100.0	10	15	US-10-319-786-8	Sequence 8, Appli
6	55	100.0	12	9	US-09-765-527-125	Sequence 125, App
7	55	100.0	13	14	US-10-131-686A-30	Sequence 30, Appl
8	55	100.0	14	9	US-09-765-527-123	Sequence 123, App
9	55	100.0	14	14	US-10-131-686A-37	Sequence 37, Appl
10	55	100.0	14	15	US-10-446-628-164	Sequence 164, App
11	55	100.0	15	9	US-09-765-527-2	Sequence 2, Appli
12	55	100.0	15	9	US-09-765-527-9	Sequence 9, Appli
13	55	100.0	15	9	US-09-765-527-16	Sequence 16, Appl
14	55	100.0	15	9	US-09-765-527-17	Sequence 17, Appl
15	55	100.0	15	9	US-09-765-527-18	Sequence 18, Appl
16	55	100.0	15	9	US-09-765-527-19	Sequence 19, Appl
17	55	100.0	15	9	US-09-765-527-20	Sequence 20, Appl
18	55	100.0	15	15	US-10-446-628-7	Sequence 7, Appli
19	55	100.0	15	15	US-10-446-628-16	Sequence 16, Appl
20	55	100.0	15	15	US-10-446-628-17	Sequence 17, Appl
21	55	100.0	15	15	US-10-446-628-18	Sequence 18, Appl
22	55	100.0	15	15	US-10-446-628-19	Sequence 19, Appl
23	55	100.0	15	15	US-10-446-628-20	Sequence 20, Appl
24	55	100.0	15	15	US-10-446-628-49	Sequence 49, Appl
25	55	100.0	15	15	US-10-446-628-51	Sequence 51, Appl
26	55	100.0	15	15	US-10-319-786-7	Sequence 7, Appli
27	55	100.0	15	15	US-10-319-786-16	Sequence 16, Appl
28	55	100.0	15	15	US-10-319-786-17	Sequence 17, Appl
29	55	100.0	15	15	US-10-319-786-18	Sequence 18, Appl
30	55	100.0	15	15	US-10-319-786-19	Sequence 19, Appl
31	55	100.0	15	15	US-10-319-786-20	Sequence 20, Appl
32	55	100.0	15	15	US-10-319-786-49	Sequence 49, Appl
33	55	100.0	15	15	US-10-319-786-63	Sequence 63, Appl
34	55	100.0	15	15	US-10-319-786-71	Sequence 71, Appl
35	55	100.0	16	9	US-09-765-527-59	Sequence 59, Appl
36	55	100.0	16	15	US-10-446-628-9	Sequence 9, Appli
37	55	100.0	16	15	US-10-319-786-9	Sequence 9, Appli
38	55	100.0	16	15	US-10-319-786-51	Sequence 51, Appl
39	55	100.0	17	9	US-09-765-527-66	Sequence 66, Appl
40	55	100.0	17	15	US-10-446-628-10	Sequence 10, Appl
41	55	100.0	17	15	US-10-446-628-66	Sequence 66, Appl
42	55	100.0	17	15	US-10-446-628-68	Sequence 68, Appl
43	55	100.0	17	15	US-10-319-786-10	Sequence 10, Appl
44	55	100.0	17	15	US-10-319-786-64	Sequence 64, Appl
45	55	100.0	17	15	US-10-319-786-68	Sequence 68, Appl
46	55	100.0	19	15	US-10-609-515-9	Sequence 9, Appli
47	55	100.0	20	9	US-09-765-527-7	Sequence 7, Appli
48	55	100.0	20	9	US-09-765-527-47	Sequence 47, Appl
49	55	100.0	20	9	US-09-765-527-48	Sequence 48, Appl
50	55	100.0	20	15	US-10-446-628-54	Sequence 54, Appl
51	55	100.0	20	15	US-10-446-628-57	Sequence 57, Appl
52	55	100.0	20	15	US-10-446-628-58	Sequence 58, Appl
53	55	100.0	20	15	US-10-446-628-150	Sequence 150, App
54	55	100.0	20	15	US-10-446-628-151	Sequence 151, App
55	55	100.0	20	15	US-10-319-786-54	Sequence 54, Appl
56	55	100.0	21	15	US-10-319-786-57	Sequence 57, Appl
57	55	100.0	21	15	US-10-319-786-58	Sequence 58, Appl
58	55	100.0	24	9	US-09-765-527-31	Sequence 31, Appl
59	55	100.0	24	9	US-09-765-527-70	Sequence 70, Appl
60	55	100.0	24	15	US-10-446-628-52	Sequence 52, Appl
61	55	100.0	24	15	US-10-446-628-70	Sequence 70, Appl
62	55	100.0	24	15	US-10-319-786-52	Sequence 52, Appl
63	55	100.0	24	15	US-10-319-786-70	Sequence 70, Appl
64	55	100.0	25	9	US-09-765-527-10	Sequence 10, Appl
65	55	100.0	25	9	US-09-765-527-116	Sequence 116, App
66	55	100.0	25	15	US-10-446-628-55	Sequence 55, Appl
67	55	100.0	25	15	US-10-319-786-55	Sequence 55, Appl
68	55	100.0	26	9	US-09-765-527-11	Sequence 11, Appl
69	55	100.0	26	9	US-09-765-527-115	Sequence 115, App
70	55	100.0	26	15	US-10-446-628-65	Sequence 65, Appl
71	55	100.0	26	15	US-10-319-786-65	Sequence 65, Appl
72	55	100.0	27	9	US-09-765-527-3	Sequence 3, Appli
73	55	100.0	27	14	US-10-131-433-5	Sequence 5, Appli
74	55	100.0	27	14	US-10-300-083-31	Sequence 31, Appl
75	55	100.0	27	15	US-10-446-628-11	Sequence 11, Appl
76	55	100.0	27	15	US-10-319-786-11	Sequence 11, Appl
77	55	100.0	29	9	US-09-765-527-64	Sequence 64, Appl
78	55	100.0	29	15	US-10-446-628-53	Sequence 53, Appl
79	55	100.0	29	15	US-10-319-786-53	Sequence 53, Appl
80	55	100.0	30	9	US-09-765-527-117	Sequence 117, App
81	55	100.0	30	15	US-10-446-628-149	Sequence 149, App
82	55	100.0	31	9	US-09-765-527-194	Sequence 194, App
83	55	100.0	33	14	US-10-300-083-5	Sequence 5, Appli
84	55	100.0	33	14	US-10-300-083-6	Sequence 6, Appli
85	55	100.0	33	14	US-10-300-083-10	Sequence 10, Appl
86	55	100.0	35	14	US-10-131-686A-18	Sequence 18, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-44
Perfect score: 55
Sequence: 1 KWKAQKRFLK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	1	US-08-311-611A-8	Sequence 8, Appli
2	55	100.0	10	1	US-08-372-783-8	Sequence 8, Appli
3	55	100.0	10	1	US-08-372-105-8	Sequence 8, Appli
4	55	100.0	10	1	US-08-097-830E-27	Sequence 27, Appl
5	55	100.0	10	1	US-08-306-473A-8	Sequence 8, Appli
6	55	100.0	10	1	US-08-209-762-8	Sequence 8, Appli
7	55	100.0	10	1	US-08-473-344-8	Sequence 8, Appli
8	55	100.0	10	1	US-08-218-026-6	Sequence 6, Appli
9	55	100.0	10	2	US-08-653-632-6	Sequence 6, Appli
10	55	100.0	10	2	US-08-456-112B-27	Sequence 27, Appl
11	55	100.0	10	2	US-08-456-112B-44	Sequence 44, Appl
12	55	100.0	10	2	US-08-621-803-8	Sequence 8, Appli
13	55	100.0	10	2	US-08-485-445A-8	Sequence 8, Appli
14	55	100.0	10	3	US-09-119-263-8	Sequence 8, Appli
15	55	100.0	10	3	US-08-657-162-8	Sequence 8, Appli
16	55	100.0	10	3	US-09-224-480-8	Sequence 8, Appli
17	55	100.0	10	3	US-09-093-539-8	Sequence 8, Appli
18	55	100.0	10	3	US-09-217-352-8	Sequence 8, Appli
19	55	100.0	10	4	US-09-790-230-8	Sequence 8, Appli
20	55	100.0	10	4	US-09-689-097-10	Sequence 10, Appl
21	55	100.0	10	5	PCT-US94-02465-8	Sequence 8, Appli
22	55	100.0	10	5	PCT-US95-00498-8	Sequence 8, Appli
23	55	100.0	10	5	PCT-US95-00656-8	Sequence 8, Appli
24	55	100.0	11	1	US-08-218-026-7	Sequence 7, Appli
25	55	100.0	11	1	US-08-218-026-26	Sequence 26, Appl
26	55	100.0	11	2	US-08-653-632-7	Sequence 7, Appli
27	55	100.0	11	2	US-08-653-632-26	Sequence 26, Appl
28	55	100.0	11	2	US-08-760-903-4	Sequence 4, Appli
29	55	100.0	11	4	US-08-482-191-4	Sequence 4, Appli
30	55	100.0	11	5	PCT-US96-10227-4	Sequence 4, Appli
31	55	100.0	12	1	US-08-311-611A-227	Sequence 227, App
32	55	100.0	12	1	US-08-372-783-227	Sequence 227, App
33	55	100.0	12	1	US-08-372-105-227	Sequence 227, App
34	55	100.0	12	1	US-08-218-026-25	Sequence 25, Appl
35	55	100.0	12	1	US-08-218-026-40	Sequence 40, Appl
36	55	100.0	12	2	US-08-653-632-25	Sequence 25, Appl
37	55	100.0	12	2	US-08-653-632-40	Sequence 40, Appl
38	55	100.0	12	2	US-08-621-803-125	Sequence 125, App
39	55	100.0	12	3	US-09-119-263-227	Sequence 227, App
40	55	100.0	12	3	US-08-657-162-227	Sequence 227, App
41	55	100.0	12	3	US-09-217-352-125	Sequence 125, App
42	55	100.0	12	3	US-08-477-778-3	Sequence 3, Appli
43	55	100.0	12	4	US-09-689-097-224	Sequence 224, App
44	55	100.0	12	5	PCT-US95-00498-227	Sequence 227, App
45	55	100.0	12	5	PCT-US95-00656-227	Sequence 227, App
46	55	100.0	13	1	US-08-261-660A-30	Sequence 30, Appl
47	55	100.0	13	1	US-08-218-026-8	Sequence 8, Appli
48	55	100.0	13	2	US-08-653-632-8	Sequence 8, Appli
49	55	100.0	13	3	US-09-280-909A-30	Sequence 30, Appl
50	55	100.0	13	5	PCT-US94-06931-30	Sequence 30, Appl
51	55	100.0	14	1	US-08-311-611A-164	Sequence 164, App
52	55	100.0	14	1	US-08-372-783-164	Sequence 164, App
53	55	100.0	14	1	US-08-372-105-164	Sequence 164, App
54	55	100.0	14	1	US-08-306-473A-164	Sequence 164, App
55	55	100.0	14	1	US-08-261-660A-37	Sequence 37, Appl
56	55	100.0	14	1	US-08-218-026-9	Sequence 9, Appli
57	55	100.0	14	1	US-08-218-026-27	Sequence 27, Appl
58	55	100.0	14	2	US-08-653-632-9	Sequence 9, Appli
59	55	100.0	14	2	US-08-653-632-27	Sequence 27, Appl
60	55	100.0	14	2	US-08-621-803-123	Sequence 123, App
61	55	100.0	14	2	US-08-485-445A-164	Sequence 164, App
62	55	100.0	14	3	US-09-119-263-164	Sequence 164, App
63	55	100.0	14	3	US-08-657-162-164	Sequence 164, App
64	55	100.0	14	3	US-09-224-480-164	Sequence 164, App
65	55	100.0	14	3	US-09-217-352-123	Sequence 123, App
66	55	100.0	14	3	US-09-280-909A-37	Sequence 37, Appl
67	55	100.0	14	3	US-08-477-778-12	Sequence 12, Appl
68	55	100.0	14	4	US-09-689-097-161	Sequence 161, App
69	55	100.0	14	5	PCT-US94-06931-37	Sequence 37, Appl
70	55	100.0	14	5	PCT-US95-00498-164	Sequence 164, App
71	55	100.0	14	5	PCT-US95-00656-164	Sequence 164, App
72	55	100.0	15	1	US-08-311-611A-7	Sequence 7, Appli
73	55	100.0	15	1	US-08-311-611A-16	Sequence 16, Appl
74	55	100.0	15	1	US-08-311-611A-17	Sequence 17, Appl
75	55	100.0	15	1	US-08-311-611A-18	Sequence 18, Appl
76	55	100.0	15	1	US-08-311-611A-19	Sequence 19, Appl
77	55	100.0	15	1	US-08-311-611A-20	Sequence 20, Appl
78	55	100.0	15	1	US-08-311-611A-49	Sequence 49, Appl
79	55	100.0	15	1	US-08-311-611A-51	Sequence 51, Appl
80	55	100.0	15	1	US-08-372-783-7	Sequence 7, Appli
81	55	100.0	15	1	US-08-372-783-16	Sequence 16, Appl
82	55	100.0	15	1	US-08-372-783-17	Sequence 17, Appl
83	55	100.0	15	1	US-08-372-783-18	Sequence 18, Appl
84	55	100.0	15	1	US-08-372-783-19	Sequence 19, Appl
85	55	100.0	15	1	US-08-372-783-20	Sequence 20, Appl
86	55	100.0	15	1	US-08-372-783-49	Sequence 49, Appl
87	55	100.0	15	1	US-08-372-783-51	Sequence 51, Appl
88	55	100.0	15	1	US-08-372-105-7	Sequence 7, Appli
89	55	100.0	15	1	US-08-372-105-16	Sequence 16, Appl
90	55	100.0	15	1	US-08-372-105-17	Sequence 17, Appl
91	55	100.0	15	1	US-08-372-105-18	Sequence 18, Appl
92	55	100.0	15	1	US-08-372-105-19	Sequence 19, Appl
93	55	100.0	15	1	US-08-372-105-20	Sequence 20, Appl
94	55	100.0	15	1	US-08-372-105-49	Sequence 49, Appl
95	55	100.0	15	1	US-08-372-105-51	Sequence 51, Appl
96	55	100.0	15	1	US-08-306-473A-7	Sequence 7, Appli
97	55	100.0	15	1	US-08-306-473A-16	Sequence 16, Appl
98	55	100.0	15	1	US-08-306-473A-17	Sequence 17, Appl
99	55	100.0	15	1	US-08-306-473A-18	Sequence 18, Appl
100	55	100.0	15	1	US-08-306-473A-19	Sequence 19, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-43
Perfect score: 62
Sequence: 1 CKFKFKFKFC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	62	100.0	10	9	US-09-124-280A-43	Sequence 43, Appl
2	44	71.0	10	9	US-09-124-280A-5	Sequence 5, Appli
3	41	66.1	584	15	US-10-282-122A-59562	Sequence 59562, A
4	41	66.1	586	15	US-10-282-122A-56612	Sequence 56612, A
5	41	66.1	586	15	US-10-282-122A-74860	Sequence 74860, A
6	41	66.1	586	15	US-10-282-122A-76270	Sequence 76270, A
7	41	66.1	588	15	US-10-282-122A-55937	Sequence 55937, A
8	41	66.1	589	15	US-10-282-122A-68550	Sequence 68550, A
9	39	62.9	178	15	US-10-424-599-231286	Sequence 231286,
10	39	62.9	585	15	US-10-282-122A-77784	Sequence 77784, A
11	38	61.3	36	14	US-10-029-386-31853	Sequence 31853, A
12	38	61.3	68	15	US-10-424-599-173645	Sequence 173645,
13	37	59.7	72	15	US-10-424-599-143878	Sequence 143878,
14	37	59.7	72	15	US-10-425-114-54359	Sequence 54359, A
15	37	59.7	82	15	US-10-425-114-61915	Sequence 61915, A
16	37	59.7	167	16	US-10-437-963-167479	Sequence 167479,
17	37	59.7	191	15	US-10-335-977-5818	Sequence 5818, Ap
18	37	59.7	194	10	US-09-882-227-426	Sequence 426, App
19	37	59.7	241	15	US-10-282-122A-52491	Sequence 52491, A
20	37	59.7	447	15	US-10-425-114-55954	Sequence 55954, A
21	37	59.7	663	14	US-10-115-223-30	Sequence 30, Appl
22	37	59.7	663	15	US-10-402-212-30	Sequence 30, Appl
23	37	59.7	1120	15	US-10-467-042-6	Sequence 6, Appli
24	36	58.1	10	9	US-09-124-280A-15	Sequence 15, Appl
25	36	58.1	12	14	US-10-192-832-15	Sequence 15, Appl
26	36	58.1	16	9	US-09-778-200-14	Sequence 14, Appl
27	36	58.1	16	14	US-10-192-832-14	Sequence 14, Appl
28	36	58.1	69	15	US-10-424-599-230074	Sequence 230074,
29	36	58.1	85	16	US-10-437-963-155984	Sequence 155984,
30	36	58.1	93	16	US-10-437-963-118223	Sequence 118223,
31	36	58.1	169	16	US-10-437-963-125771	Sequence 125771,
32	36	58.1	364	9	US-09-864-761-33528	Sequence 33528, A
33	36	58.1	467	14	US-10-032-585-7233	Sequence 7233, Ap
34	35.5	57.3	61	16	US-10-437-963-191952	Sequence 191952,
35	35	56.5	60	15	US-10-424-599-184026	Sequence 184026,
36	35	56.5	70	16	US-10-437-963-193812	Sequence 193812,
37	35	56.5	97	15	US-10-424-599-268226	Sequence 268226,
38	35	56.5	107	15	US-10-424-599-202987	Sequence 202987,
39	35	56.5	146	16	US-10-437-963-184974	Sequence 184974,
40	35	56.5	238	9	US-09-864-761-33527	Sequence 33527, A
41	35	56.5	276	15	US-10-282-122A-53264	Sequence 53264, A
42	35	56.5	322	16	US-10-437-963-177451	Sequence 177451,
43	35	56.5	392	9	US-09-989-722-205	Sequence 205, App
44	35	56.5	392	9	US-09-989-723-205	Sequence 205, App
45	35	56.5	392	9	US-09-989-279-205	Sequence 205, App
46	35	56.5	392	9	US-09-989-727-205	Sequence 205, App
47	35	56.5	392	9	US-09-989-731-205	Sequence 205, App
48	35	56.5	392	9	US-09-989-732-205	Sequence 205, App
49	35	56.5	392	9	US-09-991-073-205	Sequence 205, App
50	35	56.5	392	9	US-09-990-442-205	Sequence 205, App
51	35	56.5	392	9	US-09-991-163-205	Sequence 205, App
52	35	56.5	392	9	US-09-993-604-205	Sequence 205, App
53	35	56.5	392	9	US-09-990-456-205	Sequence 205, App
54	35	56.5	392	9	US-09-989-721-205	Sequence 205, App
55	35	56.5	392	9	US-09-992-598-205	Sequence 205, App
56	35	56.5	392	9	US-09-989-293A-205	Sequence 205, App
57	35	56.5	392	9	US-09-989-735-205	Sequence 205, App
58	35	56.5	392	9	US-09-990-444-205	Sequence 205, App
59	35	56.5	392	9	US-09-991-181-205	Sequence 205, App
60	35	56.5	392	9	US-09-989-730-205	Sequence 205, App
61	35	56.5	392	9	US-09-990-436-205	Sequence 205, App
62	35	56.5	392	9	US-09-993-687-205	Sequence 205, App
63	35	56.5	392	10	US-09-989-734-205	Sequence 205, App
64	35	56.5	392	10	US-09-997-653-205	Sequence 205, App
65	35	56.5	392	10	US-09-989-724-205	Sequence 205, App
66	35	56.5	392	10	US-09-989-728-205	Sequence 205, App
67	35	56.5	392	10	US-09-990-441-205	Sequence 205, App
68	35	56.5	392	10	US-09-993-667-205	Sequence 205, App
69	35	56.5	392	10	US-09-997-428-205	Sequence 205, App
70	35	56.5	392	10	US-09-997-666-205	Sequence 205, App
71	35	56.5	392	10	US-09-990-438-205	Sequence 205, App
72	35	56.5	392	10	US-09-990-562-205	Sequence 205, App
73	35	56.5	392	10	US-09-990-711-205	Sequence 205, App
74	35	56.5	392	10	US-09-989-726-205	Sequence 205, App
75	35	56.5	392	10	US-09-998-156-205	Sequence 205, App
76	35	56.5	392	10	US-09-990-437-205	Sequence 205, App
77	35	56.5	392	10	US-09-991-157-205	Sequence 205, App
78	35	56.5	392	10	US-09-997-514-205	Sequence 205, App
79	35	56.5	392	10	US-09-997-573-205	Sequence 205, App
80	35	56.5	392	10	US-09-991-172-205	Sequence 205, App
81	35	56.5	392	10	US-09-990-726-205	Sequence 205, App
82	35	56.5	392	10	US-09-997-559-205	Sequence 205, App
83	35	56.5	392	10	US-09-997-601-205	Sequence 205, App
84	35	56.5	392	10	US-09-990-443-205	Sequence 205, App
85	35	56.5	392	10	US-09-991-854-205	Sequence 205, App
86	35	56.5	392	10	US-09-997-628-205	Sequence 205, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-43
Perfect score: 62
Sequence: 1 CKFKFKFKFC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	62	100.0	10	2	US-08-456-112B-43	Sequence 43, Appl
2	44	71.0	10	1	US-08-097-830E-5	Sequence 5, Appli
3	44	71.0	10	2	US-08-456-112B-5	Sequence 5, Appli
4	44	71.0	51	4	US-09-270-767-37773	Sequence 37773, A
5	44	71.0	51	4	US-09-270-767-52990	Sequence 52990, A
6	41	66.1	589	4	US-09-489-039A-8395	Sequence 8395, Ap
7	41	66.1	590	4	US-09-543-681A-7931	Sequence 7931, Ap
8	39	62.9	152	4	US-09-270-767-38287	Sequence 38287, A
9	39	62.9	152	4	US-09-270-767-53504	Sequence 53504, A
10	39	62.9	359	4	US-09-270-767-61061	Sequence 61061, A
11	39	62.9	475	4	US-09-270-767-45548	Sequence 45548, A
12	38	61.3	150	4	US-09-270-767-46076	Sequence 46076, A
13	37	59.7	137	4	US-09-270-767-34222	Sequence 34222, A
14	37	59.7	137	4	US-09-270-767-49439	Sequence 49439, A
15	37	59.7	184	4	US-09-270-767-35284	Sequence 35284, A
16	37	59.7	184	4	US-09-270-767-50501	Sequence 50501, A
17	37	59.7	663	4	US-09-194-468A-30	Sequence 30, Appl
18	36	58.1	10	1	US-08-097-830E-15	Sequence 15, Appl
19	36	58.1	10	2	US-08-456-112B-15	Sequence 15, Appl
20	36	58.1	72	4	US-09-583-110-4345	Sequence 4345, Ap
21	36	58.1	74	4	US-09-248-796A-22981	Sequence 22981, A
22	36	58.1	74	4	US-09-248-796A-26570	Sequence 26570, A
23	36	58.1	80	4	US-09-107-433-4711	Sequence 4711, Ap
24	36	58.1	295	4	US-09-270-767-61784	Sequence 61784, A
25	36	58.1	314	2	US-08-460-309-19	Sequence 19, Appl
26	36	58.1	314	2	US-08-125-077-19	Sequence 19, Appl
27	36	58.1	553	4	US-09-270-767-46218	Sequence 46218, A
28	35	56.5	61	4	US-09-248-796A-24527	Sequence 24527, A
29	35	56.5	64	4	US-09-248-796A-25040	Sequence 25040, A
30	35	56.5	212	4	US-09-270-767-58517	Sequence 58517, A
31	35	56.5	390	4	US-09-270-767-43178	Sequence 43178, A
32	35	56.5	393	4	US-09-482-273-154	Sequence 154, App
33	35	56.5	407	3	US-09-399-913-53	Sequence 53, Appl
34	35	56.5	407	4	US-09-350-614-53	Sequence 53, Appl
35	35	56.5	414	3	US-09-399-913-55	Sequence 55, Appl
36	35	56.5	414	4	US-09-350-614-55	Sequence 55, Appl
37	34	54.8	92	4	US-09-270-767-58304	Sequence 58304, A
38	34	54.8	216	4	US-09-328-352-7215	Sequence 7215, Ap
39	34	54.8	292	4	US-09-270-767-43169	Sequence 43169, A
40	34	54.8	402	4	US-09-540-236-2685	Sequence 2685, Ap
41	34	54.8	429	4	US-09-194-468A-45	Sequence 45, Appl
42	34	54.8	435	4	US-09-270-767-42976	Sequence 42976, A
43	34	54.8	441	4	US-09-949-016-10792	Sequence 10792, A
44	34	54.8	560	4	US-09-949-016-6458	Sequence 6458, Ap
45	34	54.8	560	4	US-09-912-559-3	Sequence 3, Appli
46	34	54.8	560	4	US-09-912-559-4	Sequence 4, Appli
47	34	54.8	631	3	US-08-448-489-17	Sequence 17, Appl
48	34	54.8	631	4	US-09-689-730-17	Sequence 17, Appl
49	34	54.8	660	3	US-08-704-711A-18	Sequence 18, Appl
50	34	54.8	660	3	US-09-521-220-18	Sequence 18, Appl
51	34	54.8	660	3	US-09-391-104-19	Sequence 19, Appl
52	34	54.8	660	4	US-09-917-254-89	Sequence 89, Appl
53	34	54.8	660	4	US-09-949-016-6512	Sequence 6512, Ap
54	34	54.8	660	4	US-09-949-016-7937	Sequence 7937, Ap
55	34	54.8	754	4	US-09-270-767-45853	Sequence 45853, A
56	33.5	54.0	331	4	US-09-328-352-5339	Sequence 5339, Ap
57	33	53.2	10	1	US-08-311-611A-165	Sequence 165, App
58	33	53.2	10	1	US-08-372-783-165	Sequence 165, App
59	33	53.2	10	1	US-08-372-105-165	Sequence 165, App
60	33	53.2	10	1	US-08-306-473A-165	Sequence 165, App
61	33	53.2	10	2	US-08-621-803-124	Sequence 124, App
62	33	53.2	10	2	US-08-485-445A-165	Sequence 165, App
63	33	53.2	10	3	US-09-119-263-165	Sequence 165, App
64	33	53.2	10	3	US-08-657-162-165	Sequence 165, App
65	33	53.2	10	3	US-09-224-480-165	Sequence 165, App
66	33	53.2	10	3	US-09-217-352-124	Sequence 124, App
67	33	53.2	10	3	US-08-477-778-13	Sequence 13, Appl
68	33	53.2	10	4	US-09-689-097-162	Sequence 162, App
69	33	53.2	10	5	PCT-US95-00498-165	Sequence 165, App
70	33	53.2	10	5	PCT-US95-00656-165	Sequence 165, App
71	33	53.2	71	4	US-09-134-000C-3597	Sequence 3597, Ap
72	33	53.2	129	4	US-10-000-489-98	Sequence 98, Appl
73	33	53.2	131	4	US-10-000-489-84	Sequence 84, Appl
74	33	53.2	131	4	US-10-000-489-86	Sequence 86, Appl
75	33	53.2	133	4	US-09-270-767-38389	Sequence 38389, A
76	33	53.2	133	4	US-09-270-767-53606	Sequence 53606, A
77	33	53.2	156	3	US-09-228-986-87	Sequence 87, Appl
78	33	53.2	156	4	US-10-101-464A-87	Sequence 87, Appl
79	33	53.2	157	4	US-10-101-464A-788	Sequence 788, App
80	33	53.2	158	4	US-09-270-767-36587	Sequence 36587, A
81	33	53.2	158	4	US-09-270-767-51804	Sequence 51804, A
82	33	53.2	160	4	US-09-248-796A-16629	Sequence 16629, A
83	33	53.2	176	4	US-09-270-767-60073	Sequence 60073, A
84	33	53.2	200	4	US-09-134-000C-3505	Sequence 3505, Ap
85	33	53.2	258	4	US-09-270-767-44625	Sequence 44625, A
86	33	53.2	271	4	US-09-270-767-35990	Sequence 35990, A
87	33	53.2	271	4	US-09-270-767-51207	Sequence 51207, A
88	33	53.2	349	4	US-09-270-767-45401	Sequence 45401, A
89	33	53.2	387	4	US-09-270-767-45451	Sequence 45451, A
90	33	53.2	437	4	US-09-248-796A-19098	Sequence 19098, A
91	33	53.2	450	3	US-09-369-364A-19	Sequence 19, Appl
92	33	53.2	846	2	US-07-728-215-33	Sequence 33, Appl
93	33	53.2	846	3	US-08-938-085A-33	Sequence 33, Appl
94	33	53.2	846	4	US-10-072-844-33	Sequence 33, Appl
95	33	53.2	846	4	US-10-072-838-33	Sequence 33, Appl
96	33	53.2	846	4	US-10-072-841A-33	Sequence 33, Appl
97	33	53.2	846	4	US-10-219-631A-33	Sequence 33, Appl
98	33	53.2	1081	3	US-09-369-364A-17	Sequence 17, Appl
99	33	53.2	1104	4	US-09-981-953A-4	Sequence 4, Appli
100	32.5	52.4	83	3	US-08-875-811-2	Sequence 2, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-42
Perfect score: 50
Sequence: 1 KKKKKKFLFL 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	50	100.0	10	9	US-09-124-280A-42	Sequence 42, Appl
2	44	88.0	60	16	US-10-437-963-187972	Sequence 187972,
3	42	84.0	58	16	US-10-437-963-193685	Sequence 193685,
4	42	84.0	67	16	US-10-437-963-192982	Sequence 192982,
5	42	84.0	116	16	US-10-437-963-115875	Sequence 115875,
6	42	84.0	121	16	US-10-437-963-116634	Sequence 116634,
7	41	82.0	53	16	US-10-767-701-51594	Sequence 51594, A
8	41	82.0	90	15	US-10-424-599-184179	Sequence 184179,
9	40	80.0	10	9	US-09-124-280A-12	Sequence 12, Appl
10	40	80.0	54	15	US-10-424-599-258128	Sequence 258128,
11	40	80.0	93	16	US-10-437-963-163530	Sequence 163530,
12	40	80.0	114	15	US-10-424-599-264693	Sequence 264693,
13	40	80.0	221	16	US-10-767-701-51748	Sequence 51748, A
14	40	80.0	602	15	US-10-104-047-3092	Sequence 3092, Ap
15	39	78.0	59	16	US-10-437-963-189929	Sequence 189929,
16	39	78.0	62	15	US-10-424-599-161859	Sequence 161859,
17	39	78.0	90	15	US-10-424-599-166534	Sequence 166534,
18	39	78.0	91	16	US-10-437-963-143299	Sequence 143299,
19	39	78.0	92	16	US-10-437-963-202680	Sequence 202680,
20	39	78.0	766	15	US-10-664-456-12	Sequence 12, Appl
21	39	78.0	787	15	US-10-664-456-13	Sequence 13, Appl
22	39	78.0	820	15	US-10-664-456-14	Sequence 14, Appl
23	39	78.0	820	16	US-10-408-765A-1252	Sequence 1252, Ap
24	38	76.0	43	15	US-10-424-599-223572	Sequence 223572,
25	38	76.0	65	15	US-10-424-599-281525	Sequence 281525,
26	38	76.0	68	15	US-10-424-599-242981	Sequence 242981,
27	38	76.0	79	15	US-10-424-599-277607	Sequence 277607,
28	38	76.0	84	15	US-10-424-599-267131	Sequence 267131,
29	38	76.0	98	15	US-10-425-114-41617	Sequence 41617, A
30	38	76.0	99	15	US-10-424-599-172391	Sequence 172391,
31	38	76.0	99	15	US-10-424-599-256567	Sequence 256567,
32	38	76.0	100	15	US-10-424-599-275312	Sequence 275312,
33	38	76.0	184	10	US-09-862-540-57	Sequence 57, Appl
34	38	76.0	197	16	US-10-437-963-135809	Sequence 135809,
35	37	74.0	15	14	US-10-174-105A-191	Sequence 191, App
36	37	74.0	20	10	US-09-380-682-62	Sequence 62, Appl
37	37	74.0	25	9	US-09-999-745-42	Sequence 42, Appl
38	37	74.0	25	9	US-09-554-000-26	Sequence 26, Appl
39	37	74.0	25	17	US-10-857-622-46	Sequence 46, Appl
40	37	74.0	42	15	US-10-424-599-236786	Sequence 236786,
41	37	74.0	43	10	US-09-911-569-89	Sequence 89, Appl
42	37	74.0	43	14	US-10-200-879-89	Sequence 89, Appl
43	37	74.0	46	13	US-10-001-870-181	Sequence 181, App
44	37	74.0	47	15	US-10-424-599-255768	Sequence 255768,
45	37	74.0	54	10	US-09-911-569-90	Sequence 90, Appl
46	37	74.0	54	14	US-10-200-879-90	Sequence 90, Appl
47	37	74.0	58	15	US-10-424-599-147944	Sequence 147944,
48	37	74.0	61	15	US-10-424-599-182565	Sequence 182565,
49	37	74.0	71	15	US-10-424-599-272979	Sequence 272979,
50	37	74.0	73	15	US-10-424-599-178675	Sequence 178675,
51	37	74.0	78	16	US-10-437-963-115443	Sequence 115443,
52	37	74.0	80	14	US-10-078-090-181	Sequence 181, App
53	37	74.0	104	16	US-10-437-963-127614	Sequence 127614,
54	37	74.0	112	15	US-10-424-599-201313	Sequence 201313,
55	37	74.0	129	15	US-10-424-599-186256	Sequence 186256,
56	37	74.0	129	15	US-10-424-599-253461	Sequence 253461,
57	37	74.0	146	15	US-10-424-599-285071	Sequence 285071,
58	37	74.0	156	15	US-10-424-599-221095	Sequence 221095,
59	37	74.0	200	15	US-10-424-599-218629	Sequence 218629,
60	37	74.0	243	16	US-10-437-963-177145	Sequence 177145,
61	37	74.0	266	14	US-10-032-585-7055	Sequence 7055, Ap
62	37	74.0	389	15	US-10-131-410-172	Sequence 172, App
63	37	74.0	601	16	US-10-437-963-122724	Sequence 122724,
64	36	72.0	35	13	US-10-001-857-134	Sequence 134, App
65	36	72.0	36	10	US-09-911-569-91	Sequence 91, Appl
66	36	72.0	36	14	US-10-200-879-91	Sequence 91, Appl
67	36	72.0	40	15	US-10-424-599-238827	Sequence 238827,
68	36	72.0	41	10	US-09-764-891-2768	Sequence 2768, Ap
69	36	72.0	41	14	US-10-205-428-259	Sequence 259, App
70	36	72.0	43	15	US-10-424-599-246379	Sequence 246379,
71	36	72.0	44	10	US-09-911-569-88	Sequence 88, Appl
72	36	72.0	44	14	US-10-200-879-88	Sequence 88, Appl
73	36	72.0	46	16	US-10-437-963-127920	Sequence 127920,
74	36	72.0	47	15	US-10-424-599-285054	Sequence 285054,
75	36	72.0	48	15	US-10-424-599-248487	Sequence 248487,
76	36	72.0	49	15	US-10-424-599-177679	Sequence 177679,
77	36	72.0	50	15	US-10-424-599-193863	Sequence 193863,
78	36	72.0	50	15	US-10-424-599-202419	Sequence 202419,
79	36	72.0	50	15	US-10-424-599-239261	Sequence 239261,
80	36	72.0	52	15	US-10-424-599-143227	Sequence 143227,
81	36	72.0	53	16	US-10-437-963-158929	Sequence 158929,
82	36	72.0	55	15	US-10-424-599-161700	Sequence 161700,
83	36	72.0	56	14	US-10-106-698-5969	Sequence 5969, Ap
84	36	72.0	56	15	US-10-424-599-165415	Sequence 165415,
85	36	72.0	56	16	US-10-767-701-51073	Sequence 51073, A
86	36	72.0	58	15	US-10-424-599-168696	Sequence 168696,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-42
Perfect score: 50
Sequence: 1 KKKKKKFLFL 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	50	100.0	10	2	US-08-456-112B-42	Sequence 42, Appl
2	41	82.0	29	3	US-09-093-227-30	Sequence 30, Appl
3	41	82.0	30	3	US-09-093-227-31	Sequence 31, Appl
4	41	82.0	68	4	US-09-248-796A-25135	Sequence 25135, A
5	41	82.0	419	4	US-09-270-767-46795	Sequence 46795, A
6	40	80.0	10	1	US-08-097-830E-12	Sequence 12, Appl
7	40	80.0	10	2	US-08-456-112B-12	Sequence 12, Appl
8	40	80.0	153	4	US-09-270-767-59223	Sequence 59223, A
9	40	80.0	312	4	US-09-270-767-43821	Sequence 43821, A
10	40	80.0	565	4	US-09-248-796A-15726	Sequence 15726, A
11	40	80.0	672	4	US-09-270-767-62194	Sequence 62194, A
12	40	80.0	734	4	US-09-270-767-46596	Sequence 46596, A
13	39	78.0	335	4	US-09-248-796A-19175	Sequence 19175, A
14	39	78.0	826	4	US-09-949-016-9212	Sequence 9212, Ap
15	39	78.0	826	4	US-09-949-016-9213	Sequence 9213, Ap
16	39	78.0	826	4	US-09-949-016-9214	Sequence 9214, Ap
17	38	76.0	110	4	US-09-248-796A-21943	Sequence 21943, A
18	37	74.0	20	4	US-09-612-314A-10	Sequence 10, Appl
19	37	74.0	20	4	US-09-380-682-62	Sequence 62, Appl
20	37	74.0	25	2	US-08-818-253-26	Sequence 26, Appl
21	37	74.0	25	3	US-08-818-252-26	Sequence 26, Appl
22	37	74.0	25	3	US-08-842-322-20	Sequence 20, Appl
23	37	74.0	25	4	US-09-316-919-42	Sequence 42, Appl
24	37	74.0	25	4	US-09-316-920A-42	Sequence 42, Appl
25	37	74.0	26	4	US-09-763-548B-2	Sequence 2, Appli
26	37	74.0	29	4	US-09-763-548B-1	Sequence 1, Appli
27	37	74.0	29	4	US-09-763-548B-3	Sequence 3, Appli
28	37	74.0	43	3	US-09-039-780A-89	Sequence 89, Appl
29	37	74.0	54	3	US-09-039-780A-90	Sequence 90, Appl
30	37	74.0	61	4	US-09-248-796A-22141	Sequence 22141, A
31	37	74.0	66	4	US-09-621-976-5952	Sequence 5952, Ap
32	37	74.0	66	4	US-09-621-976-6035	Sequence 6035, Ap
33	37	74.0	173	4	US-09-270-767-36490	Sequence 36490, A
34	37	74.0	173	4	US-09-270-767-51707	Sequence 51707, A
35	37	74.0	254	4	US-09-270-767-38691	Sequence 38691, A
36	37	74.0	254	4	US-09-270-767-53908	Sequence 53908, A
37	37	74.0	266	4	US-09-792-024-72	Sequence 72, Appl
38	37	74.0	272	4	US-09-248-796A-15699	Sequence 15699, A
39	37	74.0	281	2	US-08-405-175A-9	Sequence 9, Appli
40	37	74.0	309	2	US-08-405-175A-7	Sequence 7, Appli
41	37	74.0	309	2	US-08-405-175A-8	Sequence 8, Appli
42	37	74.0	332	2	US-08-405-175A-5	Sequence 5, Appli
43	37	74.0	335	2	US-08-405-175A-6	Sequence 6, Appli
44	37	74.0	388	4	US-09-949-016-7331	Sequence 7331, Ap
45	37	74.0	485	4	US-09-270-767-57976	Sequence 57976, A
46	37	74.0	533	4	US-09-270-767-42661	Sequence 42661, A
47	36	72.0	28	3	US-09-093-227-29	Sequence 29, Appl
48	36	72.0	36	3	US-09-039-780A-91	Sequence 91, Appl
49	36	72.0	44	3	US-09-039-780A-88	Sequence 88, Appl
50	36	72.0	63	4	US-09-248-796A-23672	Sequence 23672, A
51	36	72.0	67	4	US-09-107-433-4790	Sequence 4790, Ap
52	36	72.0	72	4	US-09-107-532A-7218	Sequence 7218, Ap
53	36	72.0	72	4	US-09-248-796A-26208	Sequence 26208, A
54	36	72.0	86	4	US-09-270-767-35489	Sequence 35489, A
55	36	72.0	86	4	US-09-270-767-50706	Sequence 50706, A
56	36	72.0	173	4	US-09-673-395A-317	Sequence 317, App
57	36	72.0	173	4	US-09-673-395A-591	Sequence 591, App
58	36	72.0	218	4	US-09-107-433-4896	Sequence 4896, Ap
59	36	72.0	276	4	US-09-583-110-4385	Sequence 4385, Ap
60	36	72.0	416	4	US-09-270-767-43314	Sequence 43314, A
61	36	72.0	848	4	US-09-575-081B-8	Sequence 8, Appli
62	35	70.0	21	6	5221624-22	Patent No. 5221624
63	35	70.0	21	6	5221624-22	Patent No. 5221624
64	35	70.0	24	2	US-08-818-253-27	Sequence 27, Appl
65	35	70.0	24	3	US-08-818-252-27	Sequence 27, Appl
66	35	70.0	24	3	US-08-842-322-21	Sequence 21, Appl
67	35	70.0	24	4	US-09-316-919-43	Sequence 43, Appl
68	35	70.0	24	4	US-09-316-920A-43	Sequence 43, Appl
69	35	70.0	69	4	US-09-107-433-2788	Sequence 2788, Ap
70	35	70.0	81	4	US-09-248-796A-27533	Sequence 27533, A
71	35	70.0	82	4	US-09-248-796A-24040	Sequence 24040, A
72	35	70.0	84	4	US-09-270-767-60733	Sequence 60733, A
73	35	70.0	86	4	US-09-248-796A-21707	Sequence 21707, A
74	35	70.0	91	4	US-09-583-110-4704	Sequence 4704, Ap
75	35	70.0	93	4	US-09-248-796A-21580	Sequence 21580, A
76	35	70.0	93	4	US-09-248-796A-23512	Sequence 23512, A
77	35	70.0	100	4	US-09-732-210-60	Sequence 60, Appl
78	35	70.0	100	4	US-09-248-796A-22482	Sequence 22482, A
79	35	70.0	156	4	US-09-270-767-45241	Sequence 45241, A
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81	35	70.0	348	4	US-09-270-767-44133	Sequence 44133, A
82	35	70.0	364	4	US-09-710-279-3076	Sequence 3076, Ap
83	35	70.0	395	4	US-09-270-767-36853	Sequence 36853, A
84	35	70.0	395	4	US-09-270-767-52070	Sequence 52070, A
85	35	70.0	414	4	US-09-107-532A-6114	Sequence 6114, Ap
86	35	70.0	423	4	US-09-270-767-42648	Sequence 42648, A
87	35	70.0	584	3	US-09-413-452-2	Sequence 2, Appli
88	35	70.0	584	3	US-09-413-068-2	Sequence 2, Appli
89	35	70.0	584	3	US-09-403-345A-2	Sequence 2, Appli
90	34	68.0	22	6	5221624-24	Patent No. 5221624
91	34	68.0	22	6	5221624-24	Patent No. 5221624
92	34	68.0	67	4	US-09-270-767-44621	Sequence 44621, A
93	34	68.0	102	4	US-09-248-796A-27223	Sequence 27223, A
94	34	68.0	113	4	US-09-248-796A-26852	Sequence 26852, A
95	34	68.0	119	4	US-09-270-767-35788	Sequence 35788, A
96	34	68.0	119	4	US-09-270-767-51005	Sequence 51005, A
97	34	68.0	183	4	US-09-270-767-37103	Sequence 37103, A
98	34	68.0	183	4	US-09-270-767-52320	Sequence 52320, A
99	34	68.0	202	4	US-09-248-796A-25462	Sequence 25462, A
100	34	68.0	204	4	US-09-248-796A-15676	Sequence 15676, A

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-41
Perfect score: 49
Sequence: 1 IKFLKFLKFL 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	49	100.0	10	9	US-09-124-280A-41	Sequence 41, Appl
2	49	100.0	11	9	US-09-124-280A-37	Sequence 37, Appl
3	45	91.8	10	9	US-09-124-280A-8	Sequence 8, Appli
4	45	91.8	12	9	US-09-124-280A-20	Sequence 20, Appl
5	40	81.6	66	15	US-10-424-599-152246	Sequence 152246,
6	39	79.6	9	15	US-10-247-476B-13	Sequence 13, Appl
7	39	79.6	9	15	US-10-247-476B-14	Sequence 14, Appl
8	37	75.5	201	15	US-10-282-122A-47069	Sequence 47069, A
9	37	75.5	209	16	US-10-437-963-147868	Sequence 147868,
10	37	75.5	248	15	US-10-424-599-265470	Sequence 265470,
11	36	73.5	43	15	US-10-424-599-285041	Sequence 285041,
12	36	73.5	45	15	US-10-424-599-221561	Sequence 221561,
13	36	73.5	114	16	US-10-767-701-56234	Sequence 56234, A
14	36	73.5	208	15	US-10-282-122A-45253	Sequence 45253, A
15	36	73.5	228	15	US-10-425-114-70797	Sequence 70797, A
16	36	73.5	229	16	US-10-437-963-166745	Sequence 166745,
17	36	73.5	415	9	US-09-815-242-5494	Sequence 5494, Ap
18	36	73.5	420	9	US-09-815-242-12649	Sequence 12649, A
19	36	73.5	420	11	US-09-930-512-28	Sequence 28, Appl
20	36	73.5	420	15	US-10-282-122A-44436	Sequence 44436, A
21	36	73.5	420	15	US-10-282-122A-71626	Sequence 71626, A
22	36	73.5	420	17	US-10-857-625-799	Sequence 799, App
23	36	73.5	421	15	US-10-282-122A-71173	Sequence 71173, A
24	36	73.5	423	9	US-09-815-242-10678	Sequence 10678, A
25	36	73.5	957	16	US-10-437-963-167447	Sequence 167447,
26	36	73.5	967	15	US-10-425-114-58755	Sequence 58755, A
27	36	73.5	967	15	US-10-425-114-62853	Sequence 62853, A
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29	35	71.4	7	9	US-09-124-280A-38	Sequence 38, Appl
30	35	71.4	415	11	US-09-930-512-4	Sequence 4, Appli
31	35	71.4	418	15	US-10-282-122A-57481	Sequence 57481, A
32	35	71.4	420	15	US-10-282-122A-57062	Sequence 57062, A
33	35	71.4	476	15	US-10-282-122A-53100	Sequence 53100, A
34	34	69.4	47	15	US-10-424-599-149057	Sequence 149057,
35	34	69.4	65	15	US-10-424-599-203343	Sequence 203343,
36	34	69.4	77	15	US-10-424-599-198418	Sequence 198418,
37	34	69.4	94	15	US-10-425-114-45310	Sequence 45310, A
38	34	69.4	94	15	US-10-425-114-58311	Sequence 58311, A
39	34	69.4	94	15	US-10-425-114-60122	Sequence 60122, A
40	34	69.4	94	15	US-10-425-114-61564	Sequence 61564, A
41	34	69.4	101	15	US-10-425-114-56369	Sequence 56369, A
42	34	69.4	230	16	US-10-437-963-104213	Sequence 104213,
43	34	69.4	256	15	US-10-282-122A-51850	Sequence 51850, A
44	34	69.4	445	15	US-10-282-122A-50132	Sequence 50132, A
45	33	67.3	8	14	US-10-083-259-2	Sequence 2, Appli
46	33	67.3	8	14	US-10-109-274A-2	Sequence 2, Appli
47	33	67.3	8	15	US-10-240-641-9	Sequence 9, Appli
48	33	67.3	9	9	US-09-124-280A-40	Sequence 40, Appl
49	33	67.3	9	14	US-10-083-259-1	Sequence 1, Appli
50	33	67.3	9	14	US-10-083-259-151	Sequence 151, App
51	33	67.3	9	14	US-10-083-259-152	Sequence 152, App
52	33	67.3	9	14	US-10-109-274A-1	Sequence 1, Appli
53	33	67.3	9	14	US-10-109-274A-151	Sequence 151, App
54	33	67.3	9	14	US-10-109-274A-152	Sequence 152, App
55	33	67.3	9	15	US-10-240-641-8	Sequence 8, Appli
56	33	67.3	10	9	US-09-124-280A-10	Sequence 10, Appl
57	33	67.3	10	14	US-10-083-259-148	Sequence 148, App
58	33	67.3	10	14	US-10-109-274A-148	Sequence 148, App
59	33	67.3	10	15	US-10-176-419A-6	Sequence 6, Appli
60	33	67.3	10	17	US-10-818-158-4	Sequence 4, Appli
61	33	67.3	11	14	US-10-083-259-153	Sequence 153, App
62	33	67.3	11	14	US-10-109-274A-20	Sequence 20, Appl
63	33	67.3	11	14	US-10-109-274A-153	Sequence 153, App
64	33	67.3	11	15	US-10-240-641-28	Sequence 28, Appl
65	33	67.3	23	15	US-10-176-419A-2	Sequence 2, Appli
66	33	67.3	34	15	US-10-424-599-261977	Sequence 261977,
67	33	67.3	42	15	US-10-424-599-259314	Sequence 259314,
68	33	67.3	43	15	US-10-424-599-273835	Sequence 273835,
69	33	67.3	45	14	US-10-029-386-29370	Sequence 29370, A
70	33	67.3	51	9	US-09-864-761-34507	Sequence 34507, A
71	33	67.3	51	15	US-10-424-599-224286	Sequence 224286,
72	33	67.3	123	15	US-10-424-599-150308	Sequence 150308,
73	33	67.3	140	16	US-10-437-963-199382	Sequence 199382,
74	33	67.3	146	15	US-10-424-599-174455	Sequence 174455,
75	33	67.3	258	15	US-10-424-599-229486	Sequence 229486,
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77	33	67.3	318	14	US-10-270-875-43	Sequence 43, Appl
78	33	67.3	318	14	US-10-270-878-43	Sequence 43, Appl
79	33	67.3	318	14	US-10-270-786-43	Sequence 43, Appl
80	33	67.3	318	14	US-10-270-710-43	Sequence 43, Appl
81	33	67.3	318	14	US-10-270-859-43	Sequence 43, Appl
82	33	67.3	318	14	US-10-270-846-43	Sequence 43, Appl
83	33	67.3	364	16	US-10-437-963-146021	Sequence 146021,
84	33	67.3	415	16	US-10-437-963-152981	Sequence 152981,
85	33	67.3	656	16	US-10-437-963-129256	Sequence 129256,
86	33	67.3	712	16	US-10-437-963-104716	Sequence 104716,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-41
Perfect score: 49
Sequence: 1 IKFLKFLKFL 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	49	100.0	10	2	US-08-456-112B-41	Sequence 41, Appl
2	49	100.0	11	1	US-08-049-871-8	Sequence 8, Appli
3	49	100.0	11	1	US-07-819-893-8	Sequence 8, Appli
4	49	100.0	11	1	US-08-280-397-8	Sequence 8, Appli
5	49	100.0	11	2	US-08-456-112B-37	Sequence 37, Appl
6	45	91.8	10	1	US-08-097-830E-8	Sequence 8, Appli
7	45	91.8	10	2	US-08-456-112B-8	Sequence 8, Appli
8	45	91.8	12	1	US-08-097-830E-20	Sequence 20, Appl
9	45	91.8	12	2	US-08-456-112B-20	Sequence 20, Appl
10	36	73.5	138	4	US-09-270-767-36351	Sequence 36351, A
11	36	73.5	138	4	US-09-270-767-51568	Sequence 51568, A
12	36	73.5	151	3	US-09-134-001C-5595	Sequence 5595, Ap
13	36	73.5	167	4	US-09-710-279-1802	Sequence 1802, Ap
14	36	73.5	225	4	US-09-328-352-6504	Sequence 6504, Ap
15	36	73.5	418	3	US-08-855-910-11	Sequence 11, Appl
16	36	73.5	421	4	US-09-710-279-1820	Sequence 1820, Ap
17	36	73.5	427	3	US-09-134-001C-5141	Sequence 5141, Ap
18	36	73.5	433	4	US-09-134-000C-3686	Sequence 3686, Ap
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20	35	71.4	7	1	US-08-280-397-9	Sequence 9, Appli
21	35	71.4	7	1	US-08-097-830E-7	Sequence 7, Appli
22	35	71.4	7	2	US-08-456-112B-7	Sequence 7, Appli
23	35	71.4	7	2	US-08-456-112B-38	Sequence 38, Appl
24	35	71.4	288	4	US-09-134-000C-3645	Sequence 3645, Ap
25	35	71.4	426	4	US-09-107-532A-4046	Sequence 4046, Ap
26	35	71.4	635	4	US-09-248-796A-16944	Sequence 16944, A
27	34	69.4	84	4	US-09-328-352-4976	Sequence 4976, Ap
28	34	69.4	373	4	US-09-489-039A-8389	Sequence 8389, Ap
29	33	67.3	9	2	US-08-456-112B-40	Sequence 40, Appl
30	33	67.3	10	1	US-08-097-830E-10	Sequence 10, Appl
31	33	67.3	10	2	US-08-456-112B-10	Sequence 10, Appl
32	33	67.3	140	4	US-09-270-767-42594	Sequence 42594, A
33	33	67.3	159	4	US-09-248-796A-25444	Sequence 25444, A
34	33	67.3	289	3	US-09-627-376-4	Sequence 4, Appli
35	33	67.3	289	4	US-10-047-676B-4	Sequence 4, Appli
36	33	67.3	318	4	US-09-585-858-43	Sequence 43, Appl
37	33	67.3	318	4	US-10-270-878-43	Sequence 43, Appl
38	33	67.3	555	4	US-09-489-039A-10752	Sequence 10752, A
39	33	67.3	568	4	US-09-489-039A-7990	Sequence 7990, Ap
40	33	67.3	642	4	US-09-248-796A-16161	Sequence 16161, A
41	32	65.3	65	4	US-09-673-395A-508	Sequence 508, App
42	32	65.3	107	4	US-09-959-392-22	Sequence 22, Appl
43	32	65.3	299	3	US-09-352-990-22	Sequence 22, Appl
44	32	65.3	341	4	US-09-248-796A-20848	Sequence 20848, A
45	32	65.3	433	4	US-09-248-796A-20011	Sequence 20011, A
46	32	65.3	536	4	US-09-248-796A-20455	Sequence 20455, A
47	32	65.3	538	4	US-09-270-767-44083	Sequence 44083, A
48	32	65.3	676	4	US-09-248-796A-17893	Sequence 17893, A
49	32	65.3	1042	4	US-09-959-392-2	Sequence 2, Appli
50	32	65.3	1113	4	US-09-959-392-4	Sequence 4, Appli
51	32	65.3	1580	3	US-08-726-320-1	Sequence 1, Appli
52	32	65.3	1580	3	US-09-208-716-1	Sequence 1, Appli
53	32	65.3	1581	3	US-08-726-320-3	Sequence 3, Appli
54	32	65.3	1581	3	US-09-208-716-3	Sequence 3, Appli
55	31	63.3	62	4	US-09-248-796A-27013	Sequence 27013, A
56	31	63.3	67	4	US-09-270-767-35751	Sequence 35751, A
57	31	63.3	67	4	US-09-270-767-50968	Sequence 50968, A
58	31	63.3	70	4	US-09-270-767-59604	Sequence 59604, A
59	31	63.3	81	4	US-09-248-796A-25778	Sequence 25778, A
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61	31	63.3	92	4	US-09-270-767-55272	Sequence 55272, A
62	31	63.3	97	4	US-09-134-000C-4160	Sequence 4160, Ap
63	31	63.3	105	4	US-09-107-532A-5500	Sequence 5500, Ap
64	31	63.3	120	4	US-09-489-039A-8587	Sequence 8587, Ap
65	31	63.3	166	4	US-09-270-767-36357	Sequence 36357, A
66	31	63.3	166	4	US-09-270-767-51574	Sequence 51574, A
67	31	63.3	207	3	US-09-134-001C-4726	Sequence 4726, Ap
68	31	63.3	233	4	US-09-270-767-45076	Sequence 45076, A
69	31	63.3	242	4	US-09-198-452A-182	Sequence 182, App
70	31	63.3	316	4	US-09-538-092-772	Sequence 772, App
71	31	63.3	341	4	US-09-248-796A-15858	Sequence 15858, A
72	31	63.3	356	4	US-09-438-185A-164	Sequence 164, App
73	31	63.3	400	4	US-09-198-452A-302	Sequence 302, App
74	31	63.3	400	4	US-09-438-185A-291	Sequence 291, App
75	31	63.3	552	4	US-09-248-796A-25337	Sequence 25337, A
76	31	63.3	636	4	US-09-489-039A-8201	Sequence 8201, Ap
77	31	63.3	696	4	US-09-270-767-44179	Sequence 44179, A
78	31	63.3	2254	2	US-08-286-819A-28	Sequence 28, Appl
79	31	63.3	2254	3	US-08-980-357-28	Sequence 28, Appl
80	31	63.3	3289	2	US-08-477-451-2	Sequence 2, Appli
81	30	61.2	62	4	US-09-328-352-4453	Sequence 4453, Ap
82	30	61.2	92	4	US-09-248-796A-26899	Sequence 26899, A
83	30	61.2	95	4	US-09-270-767-60137	Sequence 60137, A
84	30	61.2	103	4	US-09-732-210-1231	Sequence 1231, Ap
85	30	61.2	114	4	US-09-540-236-1979	Sequence 1979, Ap
86	30	61.2	126	4	US-09-270-767-44683	Sequence 44683, A
87	30	61.2	134	4	US-09-270-767-33333	Sequence 33333, A
88	30	61.2	134	4	US-09-270-767-48550	Sequence 48550, A
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90	30	61.2	157	4	US-09-270-767-32124	Sequence 32124, A
91	30	61.2	157	4	US-09-270-767-47341	Sequence 47341, A
92	30	61.2	169	4	US-09-270-767-35406	Sequence 35406, A
93	30	61.2	169	4	US-09-270-767-50623	Sequence 50623, A
94	30	61.2	185	2	US-08-338-543-2	Sequence 2, Appli
95	30	61.2	185	3	US-09-092-179-2	Sequence 2, Appli
96	30	61.2	199	4	US-09-270-767-34434	Sequence 34434, A
97	30	61.2	199	4	US-09-270-767-49651	Sequence 49651, A
98	30	61.2	219	4	US-09-583-110-5079	Sequence 5079, Ap
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100	30	61.2	249	4	US-09-248-796A-27561	Sequence 27561, A

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 39.2419 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-40
Perfect score: 51
Sequence: 1 KFFKFFKFF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	51	100.0	9	9	US-09-124-280A-40	Sequence 40, Appl
2	51	100.0	9	14	US-10-083-259-1	Sequence 1, Appli
3	51	100.0	9	14	US-10-109-274A-1	Sequence 1, Appli
4	51	100.0	9	15	US-10-240-641-8	Sequence 8, Appli
5	51	100.0	10	9	US-09-124-280A-10	Sequence 10, Appl
6	51	100.0	10	14	US-10-083-259-148	Sequence 148, App
7	51	100.0	10	14	US-10-109-274A-148	Sequence 148, App
8	51	100.0	10	15	US-10-176-419A-6	Sequence 6, Appli
9	51	100.0	10	17	US-10-818-158-4	Sequence 4, Appli
10	51	100.0	11	14	US-10-083-259-153	Sequence 153, App
11	51	100.0	11	14	US-10-109-274A-20	Sequence 20, Appl
12	51	100.0	11	14	US-10-109-274A-153	Sequence 153, App
13	51	100.0	11	15	US-10-240-641-28	Sequence 28, Appl
14	51	100.0	23	15	US-10-176-419A-2	Sequence 2, Appli
15	45	88.2	8	14	US-10-083-259-2	Sequence 2, Appli
16	45	88.2	8	14	US-10-109-274A-2	Sequence 2, Appli
17	45	88.2	8	15	US-10-240-641-9	Sequence 9, Appli
18	45	88.2	9	14	US-10-083-259-151	Sequence 151, App
19	45	88.2	9	14	US-10-083-259-152	Sequence 152, App
20	45	88.2	9	14	US-10-109-274A-151	Sequence 151, App
21	45	88.2	9	14	US-10-109-274A-152	Sequence 152, App
22	40	78.4	9	14	US-10-083-259-6	Sequence 6, Appli
23	40	78.4	9	14	US-10-109-274A-6	Sequence 6, Appli
24	40	78.4	9	15	US-10-240-641-14	Sequence 14, Appl
25	40	78.4	68	15	US-10-424-599-251086	Sequence 251086,
26	40	78.4	80	15	US-10-424-599-240082	Sequence 240082,
27	39	76.5	7	14	US-10-083-259-157	Sequence 157, App
28	39	76.5	7	14	US-10-109-274A-157	Sequence 157, App
29	39	76.5	7	15	US-10-240-641-10	Sequence 10, Appl
30	39	76.5	55	15	US-10-424-599-278529	Sequence 278529,
31	38	74.5	36	15	US-10-424-599-240811	Sequence 240811,
32	38	74.5	43	15	US-10-424-599-198109	Sequence 198109,
33	38	74.5	59	16	US-10-437-963-189937	Sequence 189937,
34	38	74.5	74	15	US-10-424-599-153280	Sequence 153280,
35	38	74.5	206	16	US-10-437-963-111505	Sequence 111505,
36	37	72.5	63	15	US-10-424-599-171741	Sequence 171741,
37	37	72.5	94	15	US-10-424-599-225194	Sequence 225194,
38	37	72.5	106	15	US-10-424-599-144396	Sequence 144396,
39	37	72.5	114	15	US-10-424-599-247110	Sequence 247110,
40	37	72.5	116	15	US-10-424-599-198742	Sequence 198742,
41	37	72.5	692	15	US-10-369-493-2307	Sequence 2307, Ap
42	36	70.6	66	15	US-10-424-599-251716	Sequence 251716,
43	36	70.6	69	15	US-10-424-599-197518	Sequence 197518,
44	36	70.6	71	15	US-10-424-599-245989	Sequence 245989,
45	36	70.6	71	16	US-10-437-963-166186	Sequence 166186,
46	36	70.6	117	16	US-10-437-963-169083	Sequence 169083,
47	36	70.6	253	16	US-10-437-963-166971	Sequence 166971,
48	36	70.6	332	15	US-10-369-493-1522	Sequence 1522, Ap
49	36	70.6	332	16	US-10-451-467A-80	Sequence 80, Appl
50	36	70.6	414	9	US-09-815-242-12860	Sequence 12860, A
51	36	70.6	414	9	US-09-932-474-1	Sequence 1, Appli
52	36	70.6	414	14	US-10-278-946-2	Sequence 2, Appli
53	36	70.6	414	17	US-10-967-189-2	Sequence 2, Appli
54	36	70.6	698	15	US-10-369-493-22791	Sequence 22791, A
55	36	70.6	875	15	US-10-276-774-1761	Sequence 1761, Ap
56	36	70.6	881	16	US-10-322-281-374	Sequence 374, App
57	35	68.6	18	10	US-09-747-802-65	Sequence 65, Appl
58	35	68.6	18	10	US-09-865-294-58	Sequence 58, Appl
59	35	68.6	18	16	US-10-789-619-65	Sequence 65, Appl
60	35	68.6	46	15	US-10-424-599-224249	Sequence 224249,
61	35	68.6	46	15	US-10-424-599-252226	Sequence 252226,
62	35	68.6	54	15	US-10-424-599-193526	Sequence 193526,
63	35	68.6	58	11	US-09-989-890-217	Sequence 217, App
64	35	68.6	59	9	US-09-867-550-1020	Sequence 1020, Ap
65	35	68.6	60	15	US-10-424-599-269130	Sequence 269130,
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67	35	68.6	68	15	US-10-424-599-230854	Sequence 230854,
68	35	68.6	71	16	US-10-437-963-103260	Sequence 103260,
69	35	68.6	72	15	US-10-424-599-164785	Sequence 164785,
70	35	68.6	75	14	US-10-078-090-191	Sequence 191, App
71	35	68.6	76	15	US-10-424-599-205170	Sequence 205170,
72	35	68.6	83	15	US-10-424-599-257959	Sequence 257959,
73	35	68.6	86	15	US-10-424-599-170739	Sequence 170739,
74	35	68.6	95	10	US-09-813-153-88	Sequence 88, Appl
75	35	68.6	101	16	US-10-437-963-119122	Sequence 119122,
76	35	68.6	102	15	US-10-424-599-154286	Sequence 154286,
77	35	68.6	103	15	US-10-424-599-189636	Sequence 189636,
78	35	68.6	111	15	US-10-424-599-234411	Sequence 234411,
79	35	68.6	112	15	US-10-424-599-167174	Sequence 167174,
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83	35	68.6	141	16	US-10-437-963-195366	Sequence 195366,
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85	35	68.6	208	15	US-10-424-599-192986	Sequence 192986,
86	35	68.6	339	14	US-10-025-730-4	Sequence 4, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 15.3387 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-40
Perfect score: 51
Sequence: 1 KFFKFFKFF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	51	100.0	9	2	US-08-456-112B-40	Sequence 40, Appl
2	51	100.0	10	1	US-08-097-830E-10	Sequence 10, Appl
3	51	100.0	10	2	US-08-456-112B-10	Sequence 10, Appl
4	40	78.4	86	4	US-09-134-000C-4858	Sequence 4858, Ap
5	38	74.5	91	4	US-09-248-796A-24051	Sequence 24051, A
6	38	74.5	313	4	US-09-270-767-58683	Sequence 58683, A
7	38	74.5	419	4	US-09-270-767-43338	Sequence 43338, A
8	37	72.5	77	4	US-09-328-352-7597	Sequence 7597, Ap
9	36	70.6	67	4	US-09-270-767-35751	Sequence 35751, A
10	36	70.6	67	4	US-09-270-767-50968	Sequence 50968, A
11	36	70.6	118	4	US-09-248-796A-28195	Sequence 28195, A
12	36	70.6	401	4	US-09-489-039A-8992	Sequence 8992, Ap
13	36	70.6	414	4	US-09-830-217-2	Sequence 2, Appli
14	36	70.6	414	4	US-10-278-946-2	Sequence 2, Appli
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16	35	68.6	18	3	US-09-303-323-29	Sequence 29, Appl
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18	35	68.6	18	4	US-09-701-588C-29	Sequence 29, Appl
19	35	68.6	18	4	US-09-747-802-65	Sequence 65, Appl
20	35	68.6	30	3	US-09-100-414B-69	Sequence 69, Appl
21	35	68.6	30	3	US-09-303-323-69	Sequence 69, Appl
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23	35	68.6	30	4	US-09-701-588C-69	Sequence 69, Appl
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38	34	66.7	151	3	US-09-134-001C-5595	Sequence 5595, Ap
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57	33	64.7	71	4	US-09-134-000C-5716	Sequence 5716, Ap
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62	33	64.7	166	3	US-08-765-381-10	Sequence 10, Appl
63	33	64.7	207	4	US-09-248-796A-24953	Sequence 24953, A
64	33	64.7	281	4	US-09-134-000C-3665	Sequence 3665, Ap
65	33	64.7	294	4	US-09-270-767-45742	Sequence 45742, A
66	33	64.7	328	4	US-09-270-767-34880	Sequence 34880, A
67	33	64.7	328	4	US-09-270-767-50097	Sequence 50097, A
68	33	64.7	357	4	US-09-248-796A-21215	Sequence 21215, A
69	33	64.7	396	4	US-09-270-767-41493	Sequence 41493, A
70	33	64.7	693	4	US-09-248-796A-26144	Sequence 26144, A
71	33	64.7	789	4	US-09-248-796A-19294	Sequence 19294, A
72	32	62.7	55	4	US-09-621-976-5711	Sequence 5711, Ap
73	32	62.7	62	4	US-09-248-796A-22674	Sequence 22674, A
74	32	62.7	65	4	US-09-248-796A-21533	Sequence 21533, A
75	32	62.7	65	4	US-09-513-999C-4409	Sequence 4409, Ap
76	32	62.7	73	4	US-09-248-796A-23246	Sequence 23246, A
77	32	62.7	80	4	US-09-248-796A-23909	Sequence 23909, A
78	32	62.7	86	4	US-09-248-796A-28123	Sequence 28123, A
79	32	62.7	132	4	US-09-583-110-4139	Sequence 4139, Ap
80	32	62.7	132	4	US-09-583-110-4251	Sequence 4251, Ap
81	32	62.7	144	4	US-09-270-767-38521	Sequence 38521, A
82	32	62.7	144	4	US-09-270-767-53738	Sequence 53738, A
83	32	62.7	222	4	US-09-248-796A-16126	Sequence 16126, A
84	32	62.7	299	4	US-09-248-796A-22243	Sequence 22243, A
85	32	62.7	364	4	US-09-248-796A-14997	Sequence 14997, A
86	32	62.7	519	4	US-09-270-767-38089	Sequence 38089, A
87	32	62.7	519	4	US-09-270-767-53306	Sequence 53306, A
88	32	62.7	585	4	US-09-248-796A-20096	Sequence 20096, A
89	32	62.7	944	4	US-09-328-352-4401	Sequence 4401, Ap
90	32	62.7	3135	1	US-08-323-170B-2	Sequence 2, Appli
91	32	62.7	3135	3	US-08-954-441-2	Sequence 2, Appli
92	31.5	61.8	75	4	US-09-328-352-6524	Sequence 6524, Ap
93	31	60.8	13	3	US-08-702-054B-36	Sequence 36, Appl
94	31	60.8	13	3	US-08-702-054B-37	Sequence 37, Appl
95	31	60.8	34	4	US-09-270-767-34089	Sequence 34089, A
96	31	60.8	34	4	US-09-270-767-49306	Sequence 49306, A
97	31	60.8	36	4	US-09-270-767-56646	Sequence 56646, A
98	31	60.8	50	4	US-09-270-767-36109	Sequence 36109, A
99	31	60.8	50	4	US-09-270-767-51326	Sequence 51326, A
100	31	60.8	60	4	US-09-107-532A-4801	Sequence 4801, Ap

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 39.2419 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-39
Perfect score: 48
Sequence: 1 RYVRYVRYV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	48	100.0	9	9	US-09-124-280A-9	Sequence 9, Appli
2	48	100.0	9	9	US-09-124-280A-39	Sequence 39, Appl
3	43	89.6	1460	16	US-10-437-963-142150	Sequence 142150,
4	36	75.0	381	14	US-10-156-761-9518	Sequence 9518, Ap
5	35	72.9	87	16	US-10-437-963-139862	Sequence 139862,
6	35	72.9	101	9	US-09-738-626-5727	Sequence 5727, Ap
7	35	72.9	122	10	US-09-095-478-4	Sequence 4, Appli
8	35	72.9	122	10	US-09-095-478-5	Sequence 5, Appli
9	35	72.9	225	16	US-10-437-963-139861	Sequence 139861,
10	35	72.9	325	15	US-10-369-493-370	Sequence 370, App
11	35	72.9	330	15	US-10-369-493-21232	Sequence 21232, A
12	35	72.9	354	10	US-09-095-478-6	Sequence 6, Appli
13	35	72.9	379	10	US-09-095-478-8	Sequence 8, Appli
14	35	72.9	412	10	US-09-095-478-3	Sequence 3, Appli
15	35	72.9	426	10	US-09-095-478-1	Sequence 1, Appli
16	35	72.9	463	10	US-09-095-478-2	Sequence 2, Appli
17	35	72.9	1802	16	US-10-437-963-139865	Sequence 139865,
18	34	70.8	36	14	US-10-351-641-605	Sequence 605, App
19	34	70.8	36	14	US-10-351-641-606	Sequence 606, App
20	34	70.8	36	14	US-10-351-641-607	Sequence 607, App
21	34	70.8	49	9	US-09-764-864-1054	Sequence 1054, Ap
22	34	70.8	52	14	US-10-106-698-5631	Sequence 5631, Ap
23	34	70.8	83	9	US-09-764-877-1607	Sequence 1607, Ap
24	34	70.8	83	15	US-10-242-515-1607	Sequence 1607, Ap
25	34	70.8	83	15	US-10-424-599-185970	Sequence 185970,
26	34	70.8	108	15	US-10-424-599-275790	Sequence 275790,
27	34	70.8	116	15	US-10-424-599-198592	Sequence 198592,
28	34	70.8	168	16	US-10-767-701-51428	Sequence 51428, A
29	34	70.8	255	15	US-10-380-254-2	Sequence 2, Appli
30	34	70.8	334	15	US-10-282-122A-68998	Sequence 68998, A
31	34	70.8	361	14	US-10-274-694-11	Sequence 11, Appl
32	34	70.8	362	15	US-10-104-047-3160	Sequence 3160, Ap
33	34	70.8	438	9	US-09-908-419-2	Sequence 2, Appli
34	34	70.8	438	14	US-10-056-790-2	Sequence 2, Appli
35	34	70.8	438	14	US-10-056-790-36	Sequence 36, Appl
36	34	70.8	470	14	US-10-056-790-46	Sequence 46, Appl
37	34	70.8	600	9	US-09-801-368-158	Sequence 158, App
38	34	70.8	947	16	US-10-437-963-114679	Sequence 114679,
39	34	70.8	2172	16	US-10-437-963-195816	Sequence 195816,
40	33	68.8	74	15	US-10-425-114-65765	Sequence 65765, A
41	33	68.8	235	16	US-10-437-963-202951	Sequence 202951,
42	33	68.8	298	15	US-10-424-599-208128	Sequence 208128,
43	33	68.8	350	16	US-10-437-963-118094	Sequence 118094,
44	33	68.8	376	15	US-10-425-114-54205	Sequence 54205, A
45	33	68.8	398	16	US-10-767-701-40025	Sequence 40025, A
46	33	68.8	421	15	US-10-289-762-932	Sequence 932, App
47	33	68.8	620	14	US-10-128-714-8335	Sequence 8335, Ap
48	33	68.8	685	16	US-10-437-963-170487	Sequence 170487,
49	33	68.8	705	15	US-10-425-114-65776	Sequence 65776, A
50	33	68.8	832	15	US-10-267-502-303	Sequence 303, App
51	33	68.8	1095	15	US-10-369-493-2025	Sequence 2025, Ap
52	33	68.8	1160	15	US-10-115-482-46	Sequence 46, Appl
53	32	66.7	36	14	US-10-351-641-608	Sequence 608, App
54	32	66.7	36	14	US-10-351-641-609	Sequence 609, App
55	32	66.7	86	16	US-10-437-963-140300	Sequence 140300,
56	32	66.7	262	15	US-10-424-599-284866	Sequence 284866,
57	32	66.7	306	15	US-10-369-493-22664	Sequence 22664, A
58	32	66.7	432	15	US-10-369-493-12020	Sequence 12020, A
59	32	66.7	463	16	US-10-437-963-144541	Sequence 144541,
60	32	66.7	596	16	US-10-437-963-157400	Sequence 157400,
61	32	66.7	638	13	US-10-072-621-10	Sequence 10, Appl
62	32	66.7	666	15	US-10-267-502-309	Sequence 309, App
63	32	66.7	674	14	US-10-090-455-4	Sequence 4, Appli
64	32	66.7	674	15	US-10-429-160-10	Sequence 10, Appl
65	32	66.7	674	15	US-10-267-502-307	Sequence 307, App
66	32	66.7	674	16	US-10-648-593-214	Sequence 214, App
67	32	66.7	778	16	US-10-437-963-157402	Sequence 157402,
68	32	66.7	803	15	US-10-320-797-3298	Sequence 3298, Ap
69	32	66.7	861	16	US-10-441-926-20	Sequence 20, Appl
70	32	66.7	861	16	US-10-441-926-22	Sequence 22, Appl
71	32	66.7	861	16	US-10-441-926-24	Sequence 24, Appl
72	32	66.7	861	16	US-10-441-926-26	Sequence 26, Appl
73	32	66.7	861	16	US-10-441-926-28	Sequence 28, Appl
74	32	66.7	861	16	US-10-441-926-30	Sequence 30, Appl
75	32	66.7	892	15	US-10-369-493-22811	Sequence 22811, A
76	31	64.6	9	15	US-10-256-538-7	Sequence 7, Appli
77	31	64.6	56	15	US-10-424-599-204620	Sequence 204620,
78	31	64.6	58	15	US-10-424-599-230354	Sequence 230354,
79	31	64.6	98	16	US-10-437-963-182666	Sequence 182666,
80	31	64.6	105	9	US-09-925-299-1017	Sequence 1017, Ap
81	31	64.6	105	10	US-09-925-299-1017	Sequence 1017, Ap
82	31	64.6	126	15	US-10-424-599-168085	Sequence 168085,
83	31	64.6	170	15	US-10-424-599-191438	Sequence 191438,
84	31	64.6	228	15	US-10-282-122A-69949	Sequence 69949, A
85	31	64.6	250	9	US-09-813-453A-3	Sequence 3, Appli
86	31	64.6	304	15	US-10-320-797-3113	Sequence 3113, Ap

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 15.3387 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-39
Perfect score: 48
Sequence: 1 RYVRYVRYV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
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2	48	100.0	9	1	US-08-280-397-10	Sequence 10, Appl
3	48	100.0	9	1	US-08-097-830E-9	Sequence 9, Appli
4	48	100.0	9	2	US-08-456-112B-9	Sequence 9, Appli
5	48	100.0	9	2	US-08-456-112B-39	Sequence 39, Appl
6	35	72.9	110	4	US-09-732-210-457	Sequence 457, App
7	34	70.8	36	3	US-09-082-279B-605	Sequence 605, App
8	34	70.8	36	3	US-09-082-279B-606	Sequence 606, App
9	34	70.8	36	3	US-09-082-279B-607	Sequence 607, App
10	34	70.8	36	3	US-09-315-304B-605	Sequence 605, App
11	34	70.8	36	3	US-09-315-304B-606	Sequence 606, App
12	34	70.8	36	3	US-09-315-304B-607	Sequence 607, App
13	34	70.8	36	4	US-09-834-784-605	Sequence 605, App
14	34	70.8	36	4	US-09-834-784-606	Sequence 606, App
15	34	70.8	36	4	US-09-834-784-607	Sequence 607, App
16	34	70.8	36	4	US-09-515-965A-605	Sequence 605, App
17	34	70.8	36	4	US-09-515-965A-606	Sequence 606, App
18	34	70.8	36	4	US-09-515-965A-607	Sequence 607, App
19	34	70.8	36	4	US-09-350-641C-605	Sequence 605, App
20	34	70.8	36	4	US-09-350-641C-606	Sequence 606, App
21	34	70.8	36	4	US-09-350-641C-607	Sequence 607, App
22	34	70.8	36	4	US-09-350-841A-605	Sequence 605, App
23	34	70.8	36	4	US-09-350-841A-606	Sequence 606, App
24	34	70.8	36	4	US-09-350-841A-607	Sequence 607, App
25	34	70.8	345	4	US-09-543-681A-4410	Sequence 4410, Ap
26	34	70.8	600	4	US-09-538-092-317	Sequence 317, App
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28	33	68.8	107	4	US-09-270-767-35722	Sequence 35722, A
29	33	68.8	107	4	US-09-270-767-50939	Sequence 50939, A
30	33	68.8	222	4	US-09-270-767-41166	Sequence 41166, A
31	33	68.8	222	4	US-09-270-767-56382	Sequence 56382, A
32	33	68.8	250	4	US-09-248-796A-26414	Sequence 26414, A
33	33	68.8	421	4	US-09-198-452A-932	Sequence 932, App
34	33	68.8	421	4	US-09-438-185A-869	Sequence 869, App
35	33	68.8	534	4	US-09-270-767-48833	Sequence 48833, A
36	32	66.7	36	3	US-09-082-279B-608	Sequence 608, App
37	32	66.7	36	3	US-09-082-279B-609	Sequence 609, App
38	32	66.7	36	3	US-09-315-304B-608	Sequence 608, App
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47	32	66.7	36	4	US-09-350-841A-609	Sequence 609, App
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51	32	66.7	455	4	US-09-270-767-44741	Sequence 44741, A
52	32	66.7	674	4	US-09-538-092-1125	Sequence 1125, Ap
53	31	64.6	193	4	US-09-489-039A-12557	Sequence 12557, A
54	31	64.6	250	4	US-09-813-453B-3	Sequence 3, Appli
55	31	64.6	296	4	US-09-270-767-59761	Sequence 59761, A
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57	31	64.6	333	4	US-09-270-767-44340	Sequence 44340, A
58	31	64.6	336	4	US-09-674-741-19	Sequence 19, Appl
59	31	64.6	336	4	US-10-402-818-6	Sequence 6, Appli
60	31	64.6	336	4	US-10-379-010-19	Sequence 19, Appl
61	31	64.6	469	4	US-09-543-681A-7068	Sequence 7068, Ap
62	31	64.6	486	4	US-09-252-991A-19571	Sequence 19571, A
63	31	64.6	704	4	US-09-252-991A-17523	Sequence 17523, A
64	31	64.6	826	4	US-09-252-991A-22143	Sequence 22143, A
65	31	64.6	1075	4	US-09-198-452A-916	Sequence 916, App
66	31	64.6	1178	4	US-09-438-185A-851	Sequence 851, App
67	31	64.6	1422	4	US-08-469-260A-85	Sequence 85, Appl
68	31	64.6	1422	4	US-08-488-446-85	Sequence 85, Appl
69	31	64.6	1422	4	US-08-467-344A-85	Sequence 85, Appl
70	31	64.6	1422	4	US-08-424-550B-85	Sequence 85, Appl
71	30	62.5	17	3	US-09-025-769B-233	Sequence 233, App
72	30	62.5	17	4	US-09-490-070A-233	Sequence 233, App
73	30	62.5	17	4	US-09-490-153-233	Sequence 233, App
74	30	62.5	17	4	US-09-490-324-233	Sequence 233, App
75	30	62.5	30	4	US-09-149-476-437	Sequence 437, App
76	30	62.5	73	4	US-09-248-796A-24970	Sequence 24970, A
77	30	62.5	119	4	US-09-270-767-37661	Sequence 37661, A
78	30	62.5	119	4	US-09-270-767-52878	Sequence 52878, A
79	30	62.5	144	3	US-08-961-083-44	Sequence 44, Appl
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83	30	62.5	174	4	US-09-270-767-39809	Sequence 39809, A
84	30	62.5	174	4	US-09-270-767-55026	Sequence 55026, A
85	30	62.5	200	2	US-08-606-143-42	Sequence 42, Appl
86	30	62.5	233	4	US-09-270-767-43000	Sequence 43000, A
87	30	62.5	316	4	US-09-540-236-2499	Sequence 2499, Ap
88	30	62.5	316	4	US-09-270-767-62169	Sequence 62169, A
89	30	62.5	335	4	US-09-270-767-34043	Sequence 34043, A
90	30	62.5	335	4	US-09-270-767-49260	Sequence 49260, A
91	30	62.5	357	4	US-09-489-039A-12725	Sequence 12725, A
92	30	62.5	384	4	US-09-270-767-37445	Sequence 37445, A
93	30	62.5	384	4	US-09-270-767-52662	Sequence 52662, A
94	30	62.5	389	4	US-09-270-767-46575	Sequence 46575, A
95	30	62.5	429	4	US-09-328-352-4392	Sequence 4392, Ap
96	30	62.5	524	4	US-09-248-796A-17786	Sequence 17786, A
97	30	62.5	569	3	US-09-362-831-9	Sequence 9, Appli
98	30	62.5	571	1	US-08-368-803-17	Sequence 17, Appl
99	30	62.5	990	1	US-08-232-540-2	Sequence 2, Appli
100	30	62.5	990	1	US-08-428-949A-2	Sequence 2, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 30.5215 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-38
Perfect score: 35
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	35	100.0	7	9	US-09-124-280A-7	Sequence 7, Appli
2	35	100.0	7	9	US-09-124-280A-38	Sequence 38, Appl
3	35	100.0	10	9	US-09-124-280A-8	Sequence 8, Appli
4	35	100.0	10	9	US-09-124-280A-41	Sequence 41, Appl
5	35	100.0	11	9	US-09-124-280A-37	Sequence 37, Appl
6	35	100.0	12	9	US-09-124-280A-20	Sequence 20, Appl
7	35	100.0	209	16	US-10-437-963-147868	Sequence 147868,
8	35	100.0	476	15	US-10-282-122A-53100	Sequence 53100, A
9	32	91.4	66	15	US-10-424-599-152246	Sequence 152246,
10	32	91.4	116	15	US-10-424-599-251225	Sequence 251225,
11	32	91.4	1001	15	US-10-607-631-10	Sequence 10, Appl
12	31	88.6	9	15	US-10-247-476B-13	Sequence 13, Appl
13	31	88.6	9	15	US-10-247-476B-14	Sequence 14, Appl
14	31	88.6	61	15	US-10-424-599-212895	Sequence 212895,
15	31	88.6	785	16	US-10-437-963-133586	Sequence 133586,
16	31	88.6	1012	16	US-10-437-963-170591	Sequence 170591,
17	30	85.7	42	15	US-10-424-599-284782	Sequence 284782,
18	30	85.7	45	14	US-10-029-386-29370	Sequence 29370, A
19	30	85.7	45	15	US-10-424-599-221561	Sequence 221561,
20	30	85.7	65	15	US-10-424-599-203343	Sequence 203343,
21	30	85.7	77	15	US-10-424-599-198418	Sequence 198418,
22	30	85.7	114	16	US-10-767-701-56234	Sequence 56234, A
23	30	85.7	208	15	US-10-282-122A-45253	Sequence 45253, A
24	30	85.7	212	10	US-09-791-932-84	Sequence 84, Appl
25	30	85.7	228	15	US-10-425-114-70797	Sequence 70797, A
26	30	85.7	229	16	US-10-437-963-166745	Sequence 166745,
27	30	85.7	230	16	US-10-437-963-104213	Sequence 104213,
28	30	85.7	251	15	US-10-310-154-707	Sequence 707, App
29	30	85.7	289	13	US-10-047-676A-4	Sequence 4, Appli
30	30	85.7	309	9	US-09-801-368-290	Sequence 290, App
31	30	85.7	577	16	US-10-631-581-31	Sequence 31, Appl
32	30	85.7	670	14	US-10-032-585-7568	Sequence 7568, Ap
33	30	85.7	679	15	US-10-282-122A-52428	Sequence 52428, A
34	30	85.7	957	16	US-10-437-963-167447	Sequence 167447,
35	30	85.7	967	15	US-10-425-114-58755	Sequence 58755, A
36	30	85.7	967	15	US-10-425-114-62853	Sequence 62853, A
37	30	85.7	1171	15	US-10-282-122A-51805	Sequence 51805, A
38	29	82.9	18	16	US-10-302-547-124	Sequence 124, App
39	29	82.9	74	15	US-10-424-599-243043	Sequence 243043,
40	29	82.9	75	15	US-10-424-599-159533	Sequence 159533,
41	29	82.9	99	15	US-10-424-599-269978	Sequence 269978,
42	29	82.9	181	16	US-10-767-701-37460	Sequence 37460, A
43	29	82.9	205	15	US-10-424-599-212824	Sequence 212824,
44	29	82.9	248	15	US-10-424-599-265470	Sequence 265470,
45	29	82.9	249	16	US-10-437-963-132560	Sequence 132560,
46	29	82.9	262	16	US-10-437-963-132559	Sequence 132559,
47	29	82.9	306	15	US-10-425-114-69492	Sequence 69492, A
48	29	82.9	346	15	US-10-425-114-56348	Sequence 56348, A
49	29	82.9	360	15	US-10-425-114-69594	Sequence 69594, A
50	29	82.9	461	16	US-10-767-701-44395	Sequence 44395, A
51	29	82.9	485	15	US-10-369-493-4906	Sequence 4906, Ap
52	29	82.9	536	15	US-10-369-493-7664	Sequence 7664, Ap
53	29	82.9	564	15	US-10-369-493-1706	Sequence 1706, Ap
54	29	82.9	564	15	US-10-369-493-2006	Sequence 2006, Ap
55	29	82.9	987	16	US-10-437-963-119932	Sequence 119932,
56	29	82.9	1014	15	US-10-424-599-157075	Sequence 157075,
57	29	82.9	1279	10	US-09-882-227-388	Sequence 388, App
58	29	82.9	2223	15	US-10-628-088-408	Sequence 408, App
59	28	80.0	43	15	US-10-424-599-285041	Sequence 285041,
60	28	80.0	50	9	US-09-864-761-38298	Sequence 38298, A
61	28	80.0	63	15	US-10-424-599-155562	Sequence 155562,
62	28	80.0	67	15	US-10-291-172-312	Sequence 312, App
63	28	80.0	67	15	US-10-221-278-312	Sequence 312, App
64	28	80.0	72	15	US-10-424-599-213192	Sequence 213192,
65	28	80.0	73	15	US-10-264-049-2302	Sequence 2302, Ap
66	28	80.0	83	15	US-10-424-599-266486	Sequence 266486,
67	28	80.0	102	15	US-10-424-599-269104	Sequence 269104,
68	28	80.0	106	15	US-10-291-172-688	Sequence 688, App
69	28	80.0	106	15	US-10-221-278-688	Sequence 688, App
70	28	80.0	112	15	US-10-424-599-155874	Sequence 155874,
71	28	80.0	115	15	US-10-425-114-68048	Sequence 68048, A
72	28	80.0	250	14	US-10-234-432-25	Sequence 25, Appl
73	28	80.0	257	10	US-09-870-406A-53	Sequence 53, Appl
74	28	80.0	257	14	US-10-159-901-53	Sequence 53, Appl
75	28	80.0	279	14	US-10-042-894A-10	Sequence 10, Appl
76	28	80.0	279	15	US-10-424-599-249309	Sequence 249309,
77	28	80.0	288	15	US-10-264-237-2368	Sequence 2368, Ap
78	28	80.0	321	9	US-09-989-722-36	Sequence 36, Appl
79	28	80.0	321	9	US-09-989-723-36	Sequence 36, Appl
80	28	80.0	321	9	US-09-989-279-36	Sequence 36, Appl
81	28	80.0	321	9	US-09-989-727-36	Sequence 36, Appl
82	28	80.0	321	9	US-09-989-731-36	Sequence 36, Appl
83	28	80.0	321	9	US-09-989-732-36	Sequence 36, Appl
84	28	80.0	321	9	US-09-991-073-36	Sequence 36, Appl
85	28	80.0	321	9	US-09-990-442-36	Sequence 36, Appl
86	28	80.0	321	9	US-09-991-163-36	Sequence 36, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 11.9301 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-38
Perfect score: 35
Sequence: 1 KFLKFLK 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	35	100.0	7	1	US-07-819-893-9	Sequence 9, Appli
2	35	100.0	7	1	US-08-280-397-9	Sequence 9, Appli
3	35	100.0	7	1	US-08-097-830E-7	Sequence 7, Appli
4	35	100.0	7	2	US-08-456-112B-7	Sequence 7, Appli
5	35	100.0	7	2	US-08-456-112B-38	Sequence 38, Appl
6	35	100.0	10	1	US-08-097-830E-8	Sequence 8, Appli
7	35	100.0	10	2	US-08-456-112B-8	Sequence 8, Appli
8	35	100.0	10	2	US-08-456-112B-41	Sequence 41, Appl
9	35	100.0	11	1	US-08-049-871-8	Sequence 8, Appli
10	35	100.0	11	1	US-07-819-893-8	Sequence 8, Appli
11	35	100.0	11	1	US-08-280-397-8	Sequence 8, Appli
12	35	100.0	11	2	US-08-456-112B-37	Sequence 37, Appl
13	35	100.0	12	1	US-08-097-830E-20	Sequence 20, Appl
14	35	100.0	12	2	US-08-456-112B-20	Sequence 20, Appl
15	32	91.4	138	4	US-09-270-767-36351	Sequence 36351, A
16	32	91.4	138	4	US-09-270-767-51568	Sequence 51568, A
17	30	85.7	103	4	US-09-732-210-1231	Sequence 1231, Ap
18	30	85.7	114	4	US-09-540-236-1979	Sequence 1979, Ap
19	30	85.7	151	3	US-09-134-001C-5595	Sequence 5595, Ap
20	30	85.7	167	4	US-09-710-279-1802	Sequence 1802, Ap
21	30	85.7	219	4	US-09-583-110-5079	Sequence 5079, Ap
22	30	85.7	225	4	US-09-328-352-6504	Sequence 6504, Ap
23	30	85.7	289	3	US-09-627-376-4	Sequence 4, Appli
24	30	85.7	289	4	US-10-047-676B-4	Sequence 4, Appli
25	30	85.7	323	4	US-09-328-352-7120	Sequence 7120, Ap
26	30	85.7	360	4	US-09-949-016-10589	Sequence 10589, A
27	30	85.7	373	4	US-09-489-039A-8389	Sequence 8389, Ap
28	30	85.7	376	4	US-09-248-796A-16143	Sequence 16143, A
29	30	85.7	403	4	US-09-248-796A-14239	Sequence 14239, A
30	30	85.7	438	4	US-09-134-000C-4760	Sequence 4760, Ap
31	30	85.7	676	4	US-09-248-796A-17893	Sequence 17893, A
32	29	82.9	208	4	US-09-248-796A-20557	Sequence 20557, A
33	29	82.9	323	4	US-09-248-796A-16328	Sequence 16328, A
34	29	82.9	555	4	US-09-489-039A-10752	Sequence 10752, A
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36	28	80.0	84	4	US-09-328-352-4976	Sequence 4976, Ap
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40	28	80.0	132	4	US-09-270-767-44785	Sequence 44785, A
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42	28	80.0	154	4	US-09-134-000C-5197	Sequence 5197, Ap
43	28	80.0	259	4	US-09-902-540-16016	Sequence 16016, A
44	28	80.0	301	4	US-09-710-279-206	Sequence 206, App
45	28	80.0	341	4	US-09-248-796A-15858	Sequence 15858, A
46	28	80.0	342	4	US-09-489-039A-12340	Sequence 12340, A
47	28	80.0	503	4	US-09-248-796A-18992	Sequence 18992, A
48	28	80.0	538	4	US-09-270-767-44083	Sequence 44083, A
49	28	80.0	547	4	US-09-248-796A-19600	Sequence 19600, A
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51	28	80.0	718	3	US-09-346-237-10	Sequence 10, Appl
52	28	80.0	754	4	US-09-270-767-42479	Sequence 42479, A
53	28	80.0	867	4	US-09-417-485D-2	Sequence 2, Appli
54	28	80.0	867	4	US-09-417-485D-4	Sequence 4, Appli
55	28	80.0	887	1	US-08-215-709-1	Sequence 1, Appli
56	28	80.0	892	4	US-09-489-039A-12282	Sequence 12282, A
57	28	80.0	1140	4	US-09-579-692B-8	Sequence 8, Appli
58	27	77.1	9	2	US-08-456-112B-40	Sequence 40, Appl
59	27	77.1	10	1	US-08-097-830E-10	Sequence 10, Appl
60	27	77.1	10	2	US-08-456-112B-10	Sequence 10, Appl
61	27	77.1	20	3	US-08-940-424-9	Sequence 9, Appli
62	27	77.1	58	4	US-09-621-976-7068	Sequence 7068, Ap
63	27	77.1	61	4	US-09-107-532A-7158	Sequence 7158, Ap
64	27	77.1	65	4	US-09-248-796A-24449	Sequence 24449, A
65	27	77.1	74	4	US-09-248-796A-25684	Sequence 25684, A
66	27	77.1	119	3	US-08-890-865A-17	Sequence 17, Appl
67	27	77.1	125	4	US-09-270-767-39180	Sequence 39180, A
68	27	77.1	125	4	US-09-270-767-54397	Sequence 54397, A
69	27	77.1	141	4	US-09-328-352-6351	Sequence 6351, Ap
70	27	77.1	166	4	US-09-270-767-36357	Sequence 36357, A
71	27	77.1	166	4	US-09-270-767-51574	Sequence 51574, A
72	27	77.1	173	4	US-09-270-767-37478	Sequence 37478, A
73	27	77.1	173	4	US-09-270-767-52695	Sequence 52695, A
74	27	77.1	207	4	US-09-270-767-34523	Sequence 34523, A
75	27	77.1	207	4	US-09-270-767-49740	Sequence 49740, A
76	27	77.1	235	4	US-09-248-796A-15246	Sequence 15246, A
77	27	77.1	237	4	US-09-602-777A-180	Sequence 180, App
78	27	77.1	249	4	US-09-248-796A-27561	Sequence 27561, A
79	27	77.1	253	4	US-09-270-767-40298	Sequence 40298, A
80	27	77.1	253	4	US-09-270-767-55514	Sequence 55514, A
81	27	77.1	292	4	US-09-406-045-5	Sequence 5, Appli
82	27	77.1	318	4	US-09-585-858-43	Sequence 43, Appl
83	27	77.1	318	4	US-10-270-878-43	Sequence 43, Appl
84	27	77.1	339	4	US-09-692-570-6	Sequence 6, Appli
85	27	77.1	347	3	US-08-445-515-58	Sequence 58, Appl
86	27	77.1	348	3	US-08-445-515-56	Sequence 56, Appl
87	27	77.1	378	4	US-09-107-532A-4777	Sequence 4777, Ap
88	27	77.1	400	4	US-09-198-452A-302	Sequence 302, App
89	27	77.1	400	4	US-09-438-185A-291	Sequence 291, App
90	27	77.1	420	2	US-08-588-258B-40	Sequence 40, Appl
91	27	77.1	420	5	PCT-US96-08295-40	Sequence 40, Appl
92	27	77.1	488	4	US-09-248-796A-19601	Sequence 19601, A
93	27	77.1	536	4	US-09-248-796A-20455	Sequence 20455, A
94	27	77.1	550	4	US-09-328-352-5727	Sequence 5727, Ap
95	27	77.1	552	4	US-09-248-796A-25337	Sequence 25337, A
96	27	77.1	610	4	US-09-248-796A-17030	Sequence 17030, A
97	27	77.1	617	4	US-09-198-452A-155	Sequence 155, App
98	27	77.1	617	4	US-09-438-185A-138	Sequence 138, App
99	27	77.1	758	4	US-09-248-796A-16107	Sequence 16107, A
100	27	77.1	808	4	US-09-543-681A-4995	Sequence 4995, Ap

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 47.9624 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-37
Perfect score: 54
Sequence: 1 IKFLKFLKFLK 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	54	100.0	11	9	US-09-124-280A-37	Sequence 37, Appl
2	50	92.6	10	9	US-09-124-280A-8	Sequence 8, Appli
3	50	92.6	12	9	US-09-124-280A-20	Sequence 20, Appl
4	49	90.7	10	9	US-09-124-280A-41	Sequence 41, Appl
5	42	77.8	209	16	US-10-437-963-147868	Sequence 147868,
6	40	74.1	66	15	US-10-424-599-152246	Sequence 152246,
7	39	72.2	9	15	US-10-247-476B-13	Sequence 13, Appl
8	39	72.2	9	15	US-10-247-476B-14	Sequence 14, Appl
9	39	72.2	256	15	US-10-282-122A-51850	Sequence 51850, A
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12	38	70.4	10	14	US-10-109-274A-148	Sequence 148, App
13	38	70.4	10	15	US-10-176-419A-6	Sequence 6, Appli
14	38	70.4	10	17	US-10-818-158-4	Sequence 4, Appli
15	38	70.4	11	14	US-10-109-274A-20	Sequence 20, Appl
16	38	70.4	11	15	US-10-240-641-28	Sequence 28, Appl
17	38	70.4	23	15	US-10-176-419A-2	Sequence 2, Appli
18	37	68.5	201	15	US-10-282-122A-47069	Sequence 47069, A
19	37	68.5	248	15	US-10-424-599-265470	Sequence 265470,
20	37	68.5	421	15	US-10-282-122A-71173	Sequence 71173, A
21	37	68.5	476	15	US-10-282-122A-53100	Sequence 53100, A
22	37	68.5	1001	15	US-10-607-631-10	Sequence 10, Appl
23	36	66.7	43	15	US-10-424-599-285041	Sequence 285041,
24	36	66.7	45	15	US-10-424-599-221561	Sequence 221561,
25	36	66.7	50	9	US-09-864-761-38298	Sequence 38298, A
26	36	66.7	94	15	US-10-425-114-45310	Sequence 45310, A
27	36	66.7	94	15	US-10-425-114-58311	Sequence 58311, A
28	36	66.7	94	15	US-10-425-114-60122	Sequence 60122, A
29	36	66.7	94	15	US-10-425-114-61564	Sequence 61564, A
30	36	66.7	101	15	US-10-425-114-56369	Sequence 56369, A
31	36	66.7	114	16	US-10-767-701-56234	Sequence 56234, A
32	36	66.7	208	15	US-10-282-122A-45253	Sequence 45253, A
33	36	66.7	228	15	US-10-425-114-70797	Sequence 70797, A
34	36	66.7	229	16	US-10-437-963-166745	Sequence 166745,
35	36	66.7	415	9	US-09-815-242-5494	Sequence 5494, Ap
36	36	66.7	420	9	US-09-815-242-12649	Sequence 12649, A
37	36	66.7	420	11	US-09-930-512-28	Sequence 28, Appl
38	36	66.7	420	15	US-10-282-122A-44436	Sequence 44436, A
39	36	66.7	420	15	US-10-282-122A-71626	Sequence 71626, A
40	36	66.7	420	17	US-10-857-625-799	Sequence 799, App
41	36	66.7	423	9	US-09-815-242-10678	Sequence 10678, A
42	36	66.7	957	16	US-10-437-963-167447	Sequence 167447,
43	36	66.7	967	15	US-10-425-114-58755	Sequence 58755, A
44	36	66.7	967	15	US-10-425-114-62853	Sequence 62853, A
45	35	64.8	7	9	US-09-124-280A-7	Sequence 7, Appli
46	35	64.8	7	9	US-09-124-280A-38	Sequence 38, Appl
47	35	64.8	79	15	US-10-424-599-281079	Sequence 281079,
48	35	64.8	230	16	US-10-437-963-104213	Sequence 104213,
49	35	64.8	415	11	US-09-930-512-4	Sequence 4, Appli
50	35	64.8	418	15	US-10-282-122A-57481	Sequence 57481, A
51	35	64.8	420	15	US-10-282-122A-57062	Sequence 57062, A
52	35	64.8	1279	10	US-09-882-227-388	Sequence 388, App
53	34	63.0	47	15	US-10-424-599-149057	Sequence 149057,
54	34	63.0	65	15	US-10-424-599-203343	Sequence 203343,
55	34	63.0	73	9	US-09-864-761-41602	Sequence 41602, A
56	34	63.0	77	15	US-10-424-599-198418	Sequence 198418,
57	34	63.0	101	15	US-10-424-599-227181	Sequence 227181,
58	34	63.0	106	15	US-10-424-599-200324	Sequence 200324,
59	34	63.0	243	15	US-10-425-114-46311	Sequence 46311, A
60	34	63.0	258	15	US-10-424-599-229486	Sequence 229486,
61	34	63.0	445	15	US-10-282-122A-50132	Sequence 50132, A
62	34	63.0	873	15	US-10-369-493-6226	Sequence 6226, Ap
63	33.5	62.0	514	16	US-10-437-963-106177	Sequence 106177,
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65	33	61.1	8	14	US-10-109-274A-2	Sequence 2, Appli
66	33	61.1	8	15	US-10-240-641-9	Sequence 9, Appli
67	33	61.1	9	9	US-09-124-280A-40	Sequence 40, Appl
68	33	61.1	9	14	US-10-083-259-1	Sequence 1, Appli
69	33	61.1	9	14	US-10-083-259-151	Sequence 151, App
70	33	61.1	9	14	US-10-083-259-152	Sequence 152, App
71	33	61.1	9	14	US-10-109-274A-1	Sequence 1, Appli
72	33	61.1	9	14	US-10-109-274A-151	Sequence 151, App
73	33	61.1	9	14	US-10-109-274A-152	Sequence 152, App
74	33	61.1	9	15	US-10-240-641-8	Sequence 8, Appli
75	33	61.1	11	14	US-10-083-259-153	Sequence 153, App
76	33	61.1	11	14	US-10-109-274A-153	Sequence 153, App
77	33	61.1	34	15	US-10-424-599-261977	Sequence 261977,
78	33	61.1	39	15	US-10-424-599-170388	Sequence 170388,
79	33	61.1	42	15	US-10-424-599-259314	Sequence 259314,
80	33	61.1	43	15	US-10-424-599-273835	Sequence 273835,
81	33	61.1	45	14	US-10-029-386-29370	Sequence 29370, A
82	33	61.1	51	9	US-09-864-761-34507	Sequence 34507, A
83	33	61.1	51	15	US-10-424-599-224286	Sequence 224286,
84	33	61.1	55	9	US-09-867-550-1460	Sequence 1460, Ap
85	33	61.1	71	15	US-10-425-114-48052	Sequence 48052, A
86	33	61.1	74	15	US-10-424-599-243043	Sequence 243043,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 18.7473 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-37
Perfect score: 54
Sequence: 1 IKFLKFLKFLK 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	54	100.0	11	1	US-08-049-871-8	Sequence 8, Appli
2	54	100.0	11	1	US-07-819-893-8	Sequence 8, Appli
3	54	100.0	11	1	US-08-280-397-8	Sequence 8, Appli
4	54	100.0	11	2	US-08-456-112B-37	Sequence 37, Appl
5	50	92.6	10	1	US-08-097-830E-8	Sequence 8, Appli
6	50	92.6	10	2	US-08-456-112B-8	Sequence 8, Appli
7	50	92.6	12	1	US-08-097-830E-20	Sequence 20, Appl
8	50	92.6	12	2	US-08-456-112B-20	Sequence 20, Appl
9	49	90.7	10	2	US-08-456-112B-41	Sequence 41, Appl
10	40	74.1	635	4	US-09-248-796A-16944	Sequence 16944, A
11	38	70.4	10	1	US-08-097-830E-10	Sequence 10, Appl
12	38	70.4	10	2	US-08-456-112B-10	Sequence 10, Appl
13	38	70.4	373	4	US-09-489-039A-8389	Sequence 8389, Ap
14	37	68.5	421	4	US-09-710-279-1820	Sequence 1820, Ap
15	37	68.5	427	3	US-09-134-001C-5141	Sequence 5141, Ap
16	36	66.7	138	4	US-09-270-767-36351	Sequence 36351, A
17	36	66.7	138	4	US-09-270-767-51568	Sequence 51568, A
18	36	66.7	151	3	US-09-134-001C-5595	Sequence 5595, Ap
19	36	66.7	167	4	US-09-710-279-1802	Sequence 1802, Ap
20	36	66.7	225	4	US-09-328-352-6504	Sequence 6504, Ap
21	36	66.7	418	3	US-08-855-910-11	Sequence 11, Appl
22	36	66.7	433	4	US-09-134-000C-3686	Sequence 3686, Ap
23	36	66.7	552	4	US-09-248-796A-25337	Sequence 25337, A
24	35	64.8	7	1	US-07-819-893-9	Sequence 9, Appli
25	35	64.8	7	1	US-08-280-397-9	Sequence 9, Appli
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34	34	63.0	84	4	US-09-328-352-4976	Sequence 4976, Ap
35	34	63.0	103	4	US-09-732-210-1231	Sequence 1231, Ap
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38	33	61.1	140	4	US-09-270-767-42594	Sequence 42594, A
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41	33	61.1	227	4	US-09-270-767-42612	Sequence 42612, A
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43	33	61.1	289	4	US-10-047-676B-4	Sequence 4, Appli
44	33	61.1	312	4	US-09-393-634-51	Sequence 51, Appl
45	33	61.1	318	4	US-09-585-858-43	Sequence 43, Appl
46	33	61.1	318	4	US-10-270-878-43	Sequence 43, Appl
47	33	61.1	405	4	US-09-248-796A-19442	Sequence 19442, A
48	33	61.1	555	4	US-09-489-039A-10752	Sequence 10752, A
49	33	61.1	568	4	US-09-489-039A-7990	Sequence 7990, Ap
50	33	61.1	642	4	US-09-248-796A-16161	Sequence 16161, A
51	32	59.3	65	4	US-09-673-395A-508	Sequence 508, App
52	32	59.3	70	4	US-09-270-767-59604	Sequence 59604, A
53	32	59.3	107	4	US-09-959-392-22	Sequence 22, Appl
54	32	59.3	207	3	US-09-134-001C-4726	Sequence 4726, Ap
55	32	59.3	247	4	US-09-248-796A-15298	Sequence 15298, A
56	32	59.3	299	3	US-09-352-990-22	Sequence 22, Appl
57	32	59.3	341	4	US-09-248-796A-20848	Sequence 20848, A
58	32	59.3	433	4	US-09-248-796A-20011	Sequence 20011, A
59	32	59.3	536	4	US-09-248-796A-20455	Sequence 20455, A
60	32	59.3	538	4	US-09-270-767-44083	Sequence 44083, A
61	32	59.3	547	4	US-09-248-796A-19600	Sequence 19600, A
62	32	59.3	676	4	US-09-248-796A-17893	Sequence 17893, A
63	32	59.3	696	4	US-09-270-767-44179	Sequence 44179, A
64	32	59.3	1042	4	US-09-959-392-2	Sequence 2, Appli
65	32	59.3	1089	4	US-09-949-016-9707	Sequence 9707, Ap
66	32	59.3	1113	4	US-09-959-392-4	Sequence 4, Appli
67	32	59.3	1580	3	US-08-726-320-1	Sequence 1, Appli
68	32	59.3	1580	3	US-09-208-716-1	Sequence 1, Appli
69	32	59.3	1581	3	US-08-726-320-3	Sequence 3, Appli
70	32	59.3	1581	3	US-09-208-716-3	Sequence 3, Appli
71	31	57.4	17	1	US-07-725-331-49	Sequence 49, Appl
72	31	57.4	17	5	PCT-US91-05047-49	Sequence 49, Appl
73	31	57.4	60	4	US-09-107-433-3695	Sequence 3695, Ap
74	31	57.4	62	4	US-09-248-796A-27013	Sequence 27013, A
75	31	57.4	74	4	US-09-513-999C-4459	Sequence 4459, Ap
76	31	57.4	81	4	US-09-248-796A-25778	Sequence 25778, A
77	31	57.4	92	4	US-09-270-767-40056	Sequence 40056, A
78	31	57.4	92	4	US-09-270-767-55272	Sequence 55272, A
79	31	57.4	95	4	US-09-270-767-60137	Sequence 60137, A
80	31	57.4	97	4	US-09-134-000C-4160	Sequence 4160, Ap
81	31	57.4	105	4	US-09-107-532A-5500	Sequence 5500, Ap
82	31	57.4	120	4	US-09-489-039A-8587	Sequence 8587, Ap
83	31	57.4	126	4	US-09-270-767-44683	Sequence 44683, A
84	31	57.4	166	4	US-09-270-767-36357	Sequence 36357, A
85	31	57.4	166	4	US-09-270-767-51574	Sequence 51574, A
86	31	57.4	174	4	US-09-270-767-36870	Sequence 36870, A
87	31	57.4	174	4	US-09-270-767-52087	Sequence 52087, A
88	31	57.4	188	4	US-09-270-767-57056	Sequence 57056, A
89	31	57.4	219	4	US-09-583-110-5079	Sequence 5079, Ap
90	31	57.4	233	4	US-09-270-767-45076	Sequence 45076, A
91	31	57.4	242	4	US-09-198-452A-182	Sequence 182, App
92	31	57.4	253	4	US-09-270-767-40298	Sequence 40298, A
93	31	57.4	253	4	US-09-270-767-55514	Sequence 55514, A
94	31	57.4	279	4	US-09-248-796A-16033	Sequence 16033, A
95	31	57.4	316	4	US-09-538-092-772	Sequence 772, App
96	31	57.4	341	4	US-09-248-796A-15858	Sequence 15858, A
97	31	57.4	356	4	US-09-439-261-19	Sequence 19, Appl
98	31	57.4	356	4	US-09-227-613-18	Sequence 18, Appl
99	31	57.4	356	4	US-09-438-185A-164	Sequence 164, App
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-36
Perfect score: 49
Sequence: 1 IKTKKFLKKT 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	49	100.0	10	9	US-09-124-280A-36	Sequence 36, Appl
2	38	77.6	208	14	US-10-032-201B-182	Sequence 182, App
3	37	75.5	176	16	US-10-437-963-107635	Sequence 107635,
4	36	73.5	522	15	US-10-369-493-10083	Sequence 10083, A
5	36	73.5	636	13	US-10-005-057A-9	Sequence 9, Appli
6	36	73.5	636	15	US-10-675-072A-10	Sequence 10, Appl
7	36	73.5	818	15	US-10-425-114-41341	Sequence 41341, A
8	35	71.4	50	15	US-10-424-599-229375	Sequence 229375,
9	35	71.4	90	15	US-10-424-599-177817	Sequence 177817,
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13	35	71.4	129	15	US-10-424-599-187199	Sequence 187199,
14	35	71.4	135	15	US-10-424-599-211263	Sequence 211263,
15	35	71.4	137	15	US-10-424-599-143973	Sequence 143973,
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20	34	69.4	17	15	US-10-451-795-11	Sequence 11, Appl
21	34	69.4	70	15	US-10-424-599-190970	Sequence 190970,
22	34	69.4	76	15	US-10-424-599-147608	Sequence 147608,
23	34	69.4	203	16	US-10-437-963-138857	Sequence 138857,
24	34	69.4	230	14	US-10-182-960-6	Sequence 6, Appli
25	34	69.4	418	15	US-10-282-122A-46744	Sequence 46744, A
26	34	69.4	1193	15	US-10-452-024-92	Sequence 92, Appl
27	34	69.4	1193	15	US-10-452-024-93	Sequence 93, Appl
28	34	69.4	2022	16	US-10-408-765A-598	Sequence 598, App
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30	33	67.3	55	15	US-10-424-599-227535	Sequence 227535,
31	33	67.3	62	15	US-10-424-599-195872	Sequence 195872,
32	33	67.3	67	15	US-10-424-599-244529	Sequence 244529,
33	33	67.3	99	9	US-09-764-864-1015	Sequence 1015, Ap
34	33	67.3	119	9	US-09-939-980-327	Sequence 327, App
35	33	67.3	164	13	US-10-114-893-42	Sequence 42, Appl
36	33	67.3	260	15	US-10-282-122A-52346	Sequence 52346, A
37	33	67.3	373	15	US-10-282-122A-43721	Sequence 43721, A
38	33	67.3	404	15	US-10-369-493-1488	Sequence 1488, Ap
39	33	67.3	418	15	US-10-369-493-2920	Sequence 2920, Ap
40	33	67.3	481	15	US-10-282-122A-54206	Sequence 54206, A
41	33	67.3	503	15	US-10-349-852-4	Sequence 4, Appli
42	33	67.3	517	15	US-10-369-493-22098	Sequence 22098, A
43	33	67.3	566	15	US-10-349-852-3	Sequence 3, Appli
44	33	67.3	579	15	US-10-282-122A-45535	Sequence 45535, A
45	33	67.3	695	10	US-09-890-688-130	Sequence 130, App
46	33	67.3	1247	16	US-10-437-963-128984	Sequence 128984,
47	32	65.3	68	16	US-10-437-963-196147	Sequence 196147,
48	32	65.3	70	16	US-10-437-963-171085	Sequence 171085,
49	32	65.3	76	15	US-10-425-114-45984	Sequence 45984, A
50	32	65.3	97	15	US-10-424-599-243797	Sequence 243797,
51	32	65.3	99	15	US-10-424-599-172391	Sequence 172391,
52	32	65.3	99	16	US-10-437-963-115665	Sequence 115665,
53	32	65.3	108	9	US-09-071-838-172	Sequence 172, App
54	32	65.3	108	14	US-10-213-512-172	Sequence 172, App
55	32	65.3	118	15	US-10-424-599-285104	Sequence 285104,
56	32	65.3	119	15	US-10-424-599-238071	Sequence 238071,
57	32	65.3	121	16	US-10-437-963-107411	Sequence 107411,
58	32	65.3	123	15	US-10-424-599-223221	Sequence 223221,
59	32	65.3	124	15	US-10-424-599-151989	Sequence 151989,
60	32	65.3	124	15	US-10-424-599-152000	Sequence 152000,
61	32	65.3	124	15	US-10-424-599-158167	Sequence 158167,
62	32	65.3	124	15	US-10-424-599-189975	Sequence 189975,
63	32	65.3	124	15	US-10-424-599-189976	Sequence 189976,
64	32	65.3	125	15	US-10-424-599-152034	Sequence 152034,
65	32	65.3	125	15	US-10-425-114-72904	Sequence 72904, A
66	32	65.3	128	17	US-10-868-577A-49	Sequence 49, Appl
67	32	65.3	130	16	US-10-437-963-147470	Sequence 147470,
68	32	65.3	131	16	US-10-437-963-146524	Sequence 146524,
69	32	65.3	132	15	US-10-425-114-46693	Sequence 46693, A
70	32	65.3	132	15	US-10-425-114-62986	Sequence 62986, A
71	32	65.3	132	15	US-10-425-114-72146	Sequence 72146, A
72	32	65.3	132	16	US-10-767-701-43353	Sequence 43353, A
73	32	65.3	139	9	US-09-925-300-1325	Sequence 1325, Ap
74	32	65.3	139	15	US-10-264-049-2215	Sequence 2215, Ap
75	32	65.3	143	15	US-10-425-114-40991	Sequence 40991, A
76	32	65.3	147	9	US-09-925-301-1129	Sequence 1129, Ap
77	32	65.3	149	15	US-10-264-049-3908	Sequence 3908, Ap
78	32	65.3	149	16	US-10-437-963-168467	Sequence 168467,
79	32	65.3	177	15	US-10-425-114-56471	Sequence 56471, A
80	32	65.3	183	15	US-10-425-114-58680	Sequence 58680, A
81	32	65.3	265	15	US-10-289-762-23	Sequence 23, Appl
82	32	65.3	293	9	US-09-946-406-6	Sequence 6, Appli
83	32	65.3	293	15	US-10-353-690-4	Sequence 4, Appli
84	32	65.3	293	16	US-10-684-978-6	Sequence 6, Appli
85	32	65.3	293	17	US-10-753-267-20	Sequence 20, Appl
86	32	65.3	298	9	US-09-815-242-13325	Sequence 13325, A

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-36
Perfect score: 49
Sequence: 1 IKTKKFLKKT 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	49	100.0	10	1	US-08-280-397-7	Sequence 7, Appli
4	49	100.0	10	1	US-08-218-026-48	Sequence 48, Appl
5	49	100.0	10	2	US-08-653-632-48	Sequence 48, Appl
6	49	100.0	10	2	US-08-456-112B-36	Sequence 36, Appl
7	49	100.0	10	3	US-08-477-778-7	Sequence 7, Appli
8	49	100.0	10	5	PCT-US94-01234-46	Sequence 46, Appl
9	35	71.4	115	4	US-09-732-210-730	Sequence 730, App
10	35	71.4	306	4	US-09-248-796A-16022	Sequence 16022, A
11	34	69.4	288	4	US-09-270-767-40523	Sequence 40523, A
12	34	69.4	288	4	US-09-270-767-55739	Sequence 55739, A
13	33.5	68.4	11	1	US-08-049-871-6	Sequence 6, Appli
14	33.5	68.4	11	1	US-07-819-893-6	Sequence 6, Appli
15	33.5	68.4	11	1	US-08-280-397-6	Sequence 6, Appli
16	33.5	68.4	11	2	US-08-456-112B-35	Sequence 35, Appl
17	33	67.3	109	3	US-09-134-001C-3573	Sequence 3573, Ap
18	33	67.3	119	3	US-08-936-165A-327	Sequence 327, App
19	33	67.3	140	4	US-09-270-767-32860	Sequence 32860, A
20	33	67.3	140	4	US-09-270-767-48077	Sequence 48077, A
21	33	67.3	200	4	US-09-248-796A-15414	Sequence 15414, A
22	33	67.3	404	4	US-09-538-092-50	Sequence 50, Appl
23	32	65.3	101	3	US-09-134-001C-4636	Sequence 4636, Ap
24	32	65.3	108	3	US-09-177-249-172	Sequence 172, App
25	32	65.3	108	4	US-09-812-283-172	Sequence 172, App
26	32	65.3	120	4	US-09-248-796A-19735	Sequence 19735, A
27	32	65.3	120	4	US-09-513-999C-5431	Sequence 5431, Ap
28	32	65.3	124	4	US-09-949-016-8403	Sequence 8403, Ap
29	32	65.3	127	4	US-09-732-210-729	Sequence 729, App
30	32	65.3	127	4	US-09-732-210-737	Sequence 737, App
31	32	65.3	128	4	US-09-513-999C-7889	Sequence 7889, Ap
32	32	65.3	130	4	US-09-732-210-736	Sequence 736, App
33	32	65.3	155	4	US-09-489-039A-7239	Sequence 7239, Ap
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35	32	65.3	265	4	US-09-198-452A-23	Sequence 23, Appl
36	32	65.3	287	4	US-09-710-279-2538	Sequence 2538, Ap
37	32	65.3	298	4	US-09-583-110-3786	Sequence 3786, Ap
38	32	65.3	298	4	US-09-107-433-3790	Sequence 3790, Ap
39	32	65.3	383	4	US-09-248-796A-16746	Sequence 16746, A
40	32	65.3	410	4	US-09-248-796A-14730	Sequence 14730, A
41	32	65.3	481	3	US-08-928-862-3	Sequence 3, Appli
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43	32	65.3	539	4	US-09-438-185A-14	Sequence 14, Appl
44	32	65.3	596	4	US-09-248-796A-18495	Sequence 18495, A
45	32	65.3	663	4	US-09-248-796A-15453	Sequence 15453, A
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54	31	63.3	27	1	US-08-457-171-15	Sequence 15, Appl
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57	31	63.3	27	2	US-08-505-486-21	Sequence 21, Appl
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59	31	63.3	27	3	US-08-689-489C-21	Sequence 21, Appl
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93	31	63.3	32	2	US-08-505-486-22	Sequence 22, Appl
94	31	63.3	32	3	US-08-689-489C-16	Sequence 16, Appl
95	31	63.3	32	3	US-08-689-489C-22	Sequence 22, Appl
96	31	63.3	32	3	US-08-801-028-16	Sequence 16, Appl
97	31	63.3	32	3	US-08-801-028-22	Sequence 22, Appl
98	31	63.3	32	3	US-09-340-154-16	Sequence 16, Appl
99	31	63.3	32	3	US-09-340-154-22	Sequence 22, Appl
100	31	63.3	32	3	US-09-232-802A-16	Sequence 16, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 47.9624 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-35
Perfect score: 62
Sequence: 1 IKTKCKFLKKC 11

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Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	58	93.5	17	15	US-10-451-795-9	Sequence 9, Appli
6	53	85.5	10	15	US-10-451-795-7	Sequence 7, Appli
7	47.5	76.6	17	15	US-10-451-795-11	Sequence 11, Appl
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11	41	66.1	209	17	US-10-472-928-2578	Sequence 2578, Ap
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21	39	62.9	283	15	US-10-424-599-276904	Sequence 276904,
22	39	62.9	284	15	US-10-425-114-72851	Sequence 72851, A
23	39	62.9	312	15	US-10-424-599-188732	Sequence 188732,
24	39	62.9	475	16	US-10-437-963-167772	Sequence 167772,
25	39	62.9	483	16	US-10-437-963-193808	Sequence 193808,
26	39	62.9	700	10	US-09-906-419-17	Sequence 17, Appl
27	39	62.9	700	14	US-10-119-136-17	Sequence 17, Appl
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29	39	62.9	700	15	US-10-410-031-17	Sequence 17, Appl
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31	38	61.3	87	16	US-10-437-963-102824	Sequence 102824,
32	38	61.3	135	15	US-10-320-797-3007	Sequence 3007, Ap
33	38	61.3	347	15	US-10-282-122A-47197	Sequence 47197, A
34	38	61.3	398	15	US-10-282-122A-52673	Sequence 52673, A
35	38	61.3	994	16	US-10-437-963-119823	Sequence 119823,
36	38	61.3	2695	16	US-10-408-765A-1108	Sequence 1108, Ap
37	38	61.3	2749	14	US-10-227-338-4	Sequence 4, Appli
38	37.5	60.5	55	9	US-09-764-877-1345	Sequence 1345, Ap
39	37.5	60.5	55	15	US-10-242-515-1345	Sequence 1345, Ap
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41	37	59.7	10	9	US-09-124-280A-17	Sequence 17, Appl
42	37	59.7	78	15	US-10-424-599-260019	Sequence 260019,
43	37	59.7	181	15	US-10-425-114-55475	Sequence 55475, A
44	37	59.7	212	15	US-10-410-031-181	Sequence 181, App
45	37	59.7	216	9	US-09-828-644-82	Sequence 82, Appl
46	37	59.7	382	15	US-10-282-122A-73650	Sequence 73650, A
47	37	59.7	492	14	US-10-007-280A-212	Sequence 212, App
48	37	59.7	521	16	US-10-767-701-45538	Sequence 45538, A
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50	37	59.7	580	15	US-10-415-187-1	Sequence 1, Appli
51	37	59.7	694	15	US-10-425-114-39401	Sequence 39401, A
52	37	59.7	701	16	US-10-437-963-107364	Sequence 107364,
53	37	59.7	714	15	US-10-425-114-50040	Sequence 50040, A
54	37	59.7	975	16	US-10-437-963-186445	Sequence 186445,
55	37	59.7	1003	16	US-10-437-963-181404	Sequence 181404,
56	36	58.1	65	15	US-10-424-599-253240	Sequence 253240,
57	36	58.1	80	15	US-10-424-599-244313	Sequence 244313,
58	36	58.1	82	15	US-10-425-114-43438	Sequence 43438, A
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66	36	58.1	201	15	US-10-335-977-7345	Sequence 7345, Ap
67	36	58.1	224	15	US-10-410-031-168	Sequence 168, App
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71	36	58.1	285	15	US-10-310-154-576	Sequence 576, App
72	36	58.1	287	15	US-10-424-599-149174	Sequence 149174,
73	36	58.1	292	16	US-10-437-963-127100	Sequence 127100,
74	36	58.1	303	15	US-10-425-114-62107	Sequence 62107, A
75	36	58.1	303	15	US-10-425-114-62108	Sequence 62108, A
76	36	58.1	303	15	US-10-425-114-63741	Sequence 63741, A
77	36	58.1	327	15	US-10-425-114-63743	Sequence 63743, A
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79	36	58.1	355	15	US-10-425-114-64589	Sequence 64589, A
80	36	58.1	396	10	US-09-374-046A-42	Sequence 42, Appl
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83	36	58.1	445	14	US-10-354-358-58	Sequence 58, Appl
84	36	58.1	445	15	US-10-173-999-30	Sequence 30, Appl
85	36	58.1	445	15	US-10-351-738A-1	Sequence 1, Appli
86	36	58.1	445	15	US-10-058-270A-96	Sequence 96, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 18.7473 Seconds
(without alignments)
43.800 Million cell updates/sec

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Perfect score: 62
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	62	100.0	11	1	US-08-049-871-6	Sequence 6, Appli
2	62	100.0	11	1	US-07-819-893-6	Sequence 6, Appli
3	62	100.0	11	1	US-08-280-397-6	Sequence 6, Appli
4	62	100.0	11	2	US-08-456-112B-35	Sequence 35, Appl
5	58	93.5	10	1	US-08-049-871-2	Sequence 2, Appli
6	58	93.5	10	1	US-07-819-893-2	Sequence 2, Appli
7	58	93.5	10	1	US-08-280-397-2	Sequence 2, Appli
8	58	93.5	10	1	US-08-218-026-49	Sequence 49, Appl
9	58	93.5	10	2	US-08-653-632-49	Sequence 49, Appl
10	58	93.5	10	2	US-08-456-112B-31	Sequence 31, Appl
11	58	93.5	11	1	US-08-218-026-50	Sequence 50, Appl
12	58	93.5	11	2	US-08-653-632-50	Sequence 50, Appl
13	43	69.4	7	1	US-08-049-871-1	Sequence 1, Appli
14	43	69.4	7	1	US-07-819-893-1	Sequence 1, Appli
15	43	69.4	7	1	US-08-280-397-1	Sequence 1, Appli
16	43	69.4	7	2	US-08-456-112B-30	Sequence 30, Appl
17	41	66.1	209	4	US-09-583-110-4518	Sequence 4518, Ap
18	41	66.1	210	4	US-09-107-433-4694	Sequence 4694, Ap
19	40	64.5	185	4	US-09-270-767-60044	Sequence 60044, A
20	40	64.5	253	4	US-09-270-767-44597	Sequence 44597, A
21	39	62.9	147	4	US-09-640-211A-682	Sequence 682, App
22	38	61.3	37	3	US-08-858-207A-529	Sequence 529, App
23	38	61.3	355	4	US-09-270-767-37109	Sequence 37109, A
24	38	61.3	355	4	US-09-270-767-52326	Sequence 52326, A
25	38	61.3	2713	5	PCT-US96-01735-1	Sequence 1, Appli
26	38	61.3	2749	4	US-09-385-222A-4	Sequence 4, Appli
27	37	59.7	10	1	US-08-097-830E-15	Sequence 15, Appl
28	37	59.7	10	1	US-08-097-830E-17	Sequence 17, Appl
29	37	59.7	10	2	US-08-456-112B-15	Sequence 15, Appl
30	37	59.7	10	2	US-08-456-112B-17	Sequence 17, Appl
31	37	59.7	20	4	US-09-615-153-5	Sequence 5, Appli
32	37	59.7	112	4	US-09-270-767-39668	Sequence 39668, A
33	37	59.7	112	4	US-09-270-767-54885	Sequence 54885, A
34	37	59.7	168	4	US-09-270-767-43330	Sequence 43330, A
35	36	58.1	144	4	US-09-328-352-6468	Sequence 6468, Ap
36	36	58.1	445	4	US-09-167-206-2	Sequence 2, Appli
37	36	58.1	445	4	US-09-538-092-1181	Sequence 1181, Ap
38	36	58.1	490	4	US-09-949-016-7829	Sequence 7829, Ap
39	35.5	57.3	204	4	US-09-904-615-117	Sequence 117, App
40	35.5	57.3	299	4	US-09-904-615-73	Sequence 73, Appl
41	35.5	57.3	307	4	US-09-904-615-142	Sequence 142, App
42	35	56.5	18	4	US-09-493-211-6	Sequence 6, Appli
43	35	56.5	18	4	US-09-493-211-7	Sequence 7, Appli
44	35	56.5	111	4	US-09-270-767-58632	Sequence 58632, A
45	35	56.5	119	4	US-09-621-976-6640	Sequence 6640, Ap
46	35	56.5	123	4	US-09-270-767-38027	Sequence 38027, A
47	35	56.5	123	4	US-09-270-767-53244	Sequence 53244, A
48	35	56.5	138	4	US-09-270-767-36828	Sequence 36828, A
49	35	56.5	138	4	US-09-270-767-52045	Sequence 52045, A
50	35	56.5	165	4	US-09-489-847-281	Sequence 281, App
51	35	56.5	171	2	US-08-934-959-2	Sequence 2, Appli
52	35	56.5	171	4	US-09-270-767-36218	Sequence 36218, A
53	35	56.5	171	4	US-09-270-767-51435	Sequence 51435, A
54	35	56.5	171	4	US-10-083-720A-2	Sequence 2, Appli
55	35	56.5	183	4	US-09-489-847-136	Sequence 136, App
56	35	56.5	217	4	US-09-949-016-11174	Sequence 11174, A
57	35	56.5	218	4	US-09-270-767-43465	Sequence 43465, A
58	35	56.5	235	4	US-09-949-016-6661	Sequence 6661, Ap
59	35	56.5	330	4	US-09-270-767-43289	Sequence 43289, A
60	35	56.5	429	4	US-09-328-352-8033	Sequence 8033, Ap
61	34	54.8	101	4	US-09-621-976-4436	Sequence 4436, Ap
62	34	54.8	137	3	US-08-858-207A-373	Sequence 373, App
63	34	54.8	137	4	US-09-583-110-4141	Sequence 4141, Ap
64	34	54.8	138	4	US-09-107-433-5006	Sequence 5006, Ap
65	34	54.8	195	4	US-09-270-767-45113	Sequence 45113, A
66	34	54.8	261	4	US-09-270-767-38978	Sequence 38978, A
67	34	54.8	261	4	US-09-270-767-54195	Sequence 54195, A
68	34	54.8	310	4	US-09-248-796A-14903	Sequence 14903, A
69	34	54.8	323	4	US-09-270-767-35931	Sequence 35931, A
70	34	54.8	323	4	US-09-270-767-51148	Sequence 51148, A
71	34	54.8	335	4	US-09-538-092-811	Sequence 811, App
72	34	54.8	343	4	US-09-745-842-2	Sequence 2, Appli
73	34	54.8	355	4	US-09-803-286A-12	Sequence 12, Appl
74	34	54.8	365	4	US-09-270-767-44316	Sequence 44316, A
75	34	54.8	368	3	US-08-991-677-6	Sequence 6, Appli
76	34	54.8	392	4	US-09-270-767-59034	Sequence 59034, A
77	34	54.8	416	3	US-09-228-246-4	Sequence 4, Appli
78	34	54.8	472	4	US-09-270-767-43652	Sequence 43652, A
79	34	54.8	499	3	US-09-336-643A-8	Sequence 8, Appli
80	34	54.8	509	1	US-08-328-322-19	Sequence 19, Appl
81	34	54.8	553	1	US-08-328-322-10	Sequence 10, Appl
82	34	54.8	553	4	US-09-538-092-585	Sequence 585, App
83	34	54.8	645	4	US-09-270-767-42014	Sequence 42014, A
84	34	54.8	903	4	US-09-252-991A-17937	Sequence 17937, A
85	34	54.8	1014	4	US-09-762-724-2	Sequence 2, Appli
86	34	54.8	1824	2	US-08-680-327-3	Sequence 3, Appli
87	34	54.8	1824	3	US-09-228-246-2	Sequence 2, Appli
88	33.5	54.0	10	1	US-08-049-871-7	Sequence 7, Appli
89	33.5	54.0	10	1	US-07-819-893-7	Sequence 7, Appli
90	33.5	54.0	10	1	US-08-280-397-7	Sequence 7, Appli
91	33.5	54.0	10	1	US-08-218-026-48	Sequence 48, Appl
92	33.5	54.0	10	2	US-08-653-632-48	Sequence 48, Appl
93	33.5	54.0	10	2	US-08-456-112B-36	Sequence 36, Appl
94	33.5	54.0	10	3	US-08-477-778-7	Sequence 7, Appli
95	33.5	54.0	10	5	PCT-US94-01234-46	Sequence 46, Appl
96	33	53.2	10	1	US-08-097-830E-16	Sequence 16, Appl
97	33	53.2	10	2	US-08-456-112B-16	Sequence 16, Appl
98	33	53.2	71	4	US-09-328-352-5067	Sequence 5067, Ap
99	33	53.2	86	4	US-09-270-767-44796	Sequence 44796, A
100	33	53.2	137	4	US-09-270-767-32233	Sequence 32233, A

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 39.2419 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-34
Perfect score: 53
Sequence: 1 CKKLFKCKT 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	53	100.0	9	9	US-09-124-280A-34	Sequence 34, Appl
2	53	100.0	10	9	US-09-124-280A-33	Sequence 33, Appl
3	43	81.1	414	15	US-10-282-122A-54310	Sequence 54310, A
4	40	75.5	167	15	US-10-424-599-248944	Sequence 248944,
5	40	75.5	290	15	US-10-425-114-69912	Sequence 69912, A
6	40	75.5	1551	9	US-09-864-761-35904	Sequence 35904, A
7	40	75.5	1882	13	US-10-087-192-330	Sequence 330, App
8	39	73.6	338	15	US-10-264-049-2546	Sequence 2546, Ap
9	39	73.6	481	9	US-09-764-864-979	Sequence 979, App
10	38	71.7	536	9	US-09-864-761-36148	Sequence 36148, A
11	38	71.7	599	15	US-10-108-260A-3964	Sequence 3964, Ap
12	38	71.7	688	15	US-10-112-944-470	Sequence 470, App
13	37	69.8	236	15	US-10-424-599-224113	Sequence 224113,
14	37	69.8	381	15	US-10-401-324-48	Sequence 48, Appl
15	37	69.8	397	15	US-10-401-324-43	Sequence 43, Appl
16	37	69.8	402	15	US-10-369-493-1196	Sequence 1196, Ap
17	37	69.8	480	16	US-10-437-963-180101	Sequence 180101,
18	37	69.8	540	15	US-10-104-047-3748	Sequence 3748, Ap
19	37	69.8	568	16	US-10-203-052B-7	Sequence 7, Appli
20	36	67.9	19	10	US-09-776-724A-188	Sequence 188, App
21	36	67.9	58	16	US-10-437-963-162216	Sequence 162216,
22	36	67.9	67	15	US-10-424-599-262669	Sequence 262669,
23	36	67.9	102	16	US-10-437-963-178358	Sequence 178358,
24	36	67.9	122	10	US-09-776-724A-185	Sequence 185, App
25	36	67.9	147	16	US-10-767-701-53685	Sequence 53685, A
26	36	67.9	176	16	US-10-767-701-37509	Sequence 37509, A
27	36	67.9	194	15	US-10-220-120-257	Sequence 257, App
28	36	67.9	302	15	US-10-425-114-65633	Sequence 65633, A
29	36	67.9	492	15	US-10-369-493-19911	Sequence 19911, A
30	36	67.9	792	16	US-10-437-963-134089	Sequence 134089,
31	35	66.0	164	10	US-09-934-455-502	Sequence 502, App
32	35	66.0	164	15	US-10-374-780A-2200	Sequence 2200, Ap
33	35	66.0	170	10	US-09-934-455-464	Sequence 464, App
34	35	66.0	170	15	US-10-374-780A-2156	Sequence 2156, Ap
35	35	66.0	426	15	US-10-221-625-5	Sequence 5, Appli
36	35	66.0	428	15	US-10-104-047-3675	Sequence 3675, Ap
37	35	66.0	436	15	US-10-108-260A-4174	Sequence 4174, Ap
38	35	66.0	610	15	US-10-094-749-2604	Sequence 2604, Ap
39	35	66.0	610	15	US-10-108-260A-3772	Sequence 3772, Ap
40	35	66.0	738	16	US-10-408-765A-740	Sequence 740, App
41	35	66.0	909	16	US-10-479-435-28	Sequence 28, Appl
42	35	66.0	2783	9	US-09-816-669A-14	Sequence 14, Appl
43	35	66.0	2789	16	US-10-408-765A-2228	Sequence 2228, Ap
44	34.5	65.1	579	14	US-10-328-675A-6	Sequence 6, Appli
45	34.5	65.1	931	15	US-10-436-715-61	Sequence 61, Appl
46	34	64.2	73	15	US-10-424-599-273293	Sequence 273293,
47	34	64.2	78	16	US-10-437-963-161168	Sequence 161168,
48	34	64.2	122	16	US-10-437-963-137928	Sequence 137928,
49	34	64.2	228	16	US-10-437-963-116774	Sequence 116774,
50	34	64.2	239	15	US-10-424-599-157317	Sequence 157317,
51	34	64.2	255	15	US-10-369-493-11992	Sequence 11992, A
52	34	64.2	261	9	US-09-764-864-961	Sequence 961, App
53	34	64.2	271	16	US-10-437-963-156425	Sequence 156425,
54	34	64.2	281	9	US-09-764-864-1076	Sequence 1076, Ap
55	34	64.2	338	15	US-10-424-599-167507	Sequence 167507,
56	34	64.2	353	15	US-10-424-599-197961	Sequence 197961,
57	34	64.2	363	15	US-10-425-114-55856	Sequence 55856, A
58	34	64.2	492	9	US-09-864-761-42897	Sequence 42897, A
59	34	64.2	513	16	US-10-479-435-23	Sequence 23, Appl
60	34	64.2	581	15	US-10-221-625-21	Sequence 21, Appl
61	34	64.2	602	15	US-10-424-599-168193	Sequence 168193,
62	34	64.2	644	16	US-10-408-765A-1196	Sequence 1196, Ap
63	34	64.2	902	14	US-10-029-386-32110	Sequence 32110, A
64	34	64.2	1191	16	US-10-408-765A-2105	Sequence 2105, Ap
65	34	64.2	1193	16	US-10-437-963-185505	Sequence 185505,
66	34	64.2	2735	16	US-10-437-963-182452	Sequence 182452,
67	33	62.3	51	15	US-10-424-599-147199	Sequence 147199,
68	33	62.3	66	15	US-10-424-599-266601	Sequence 266601,
69	33	62.3	174	15	US-10-424-599-153350	Sequence 153350,
70	33	62.3	179	15	US-10-424-599-216417	Sequence 216417,
71	33	62.3	183	9	US-09-764-864-949	Sequence 949, App
72	33	62.3	193	10	US-09-862-540-45	Sequence 45, Appl
73	33	62.3	287	9	US-09-764-864-934	Sequence 934, App
74	33	62.3	292	15	US-10-466-164-49	Sequence 49, Appl
75	33	62.3	294	14	US-10-186-886-22	Sequence 22, Appl
76	33	62.3	298	15	US-10-425-114-47319	Sequence 47319, A
77	33	62.3	303	9	US-09-864-761-36091	Sequence 36091, A
78	33	62.3	319	16	US-10-437-963-156670	Sequence 156670,
79	33	62.3	331	15	US-10-108-260A-2499	Sequence 2499, Ap
80	33	62.3	353	15	US-10-094-749-2144	Sequence 2144, Ap
81	33	62.3	362	15	US-10-104-047-2384	Sequence 2384, Ap
82	33	62.3	391	16	US-10-363-829-279	Sequence 279, App
83	33	62.3	407	16	US-10-437-963-171457	Sequence 171457,
84	33	62.3	416	16	US-10-363-829-366	Sequence 366, App
85	33	62.3	487	14	US-10-029-386-33849	Sequence 33849, A
86	33	62.3	522	16	US-10-408-765A-425	Sequence 425, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 15.3387 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-34
Perfect score: 53
Sequence: 1 CKKLFKCKT 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	53	100.0	9	1	US-08-049-871-5	Sequence 5, Appli
2	53	100.0	9	1	US-07-819-893-5	Sequence 5, Appli
3	53	100.0	9	1	US-08-280-397-5	Sequence 5, Appli
4	53	100.0	9	2	US-08-456-112B-34	Sequence 34, Appl
5	53	100.0	10	1	US-08-049-871-4	Sequence 4, Appli
6	53	100.0	10	1	US-07-819-893-4	Sequence 4, Appli
7	53	100.0	10	1	US-08-280-397-4	Sequence 4, Appli
8	53	100.0	10	2	US-08-456-112B-33	Sequence 33, Appl
9	39	73.6	803	4	US-09-538-092-1026	Sequence 1026, Ap
10	37	69.8	381	4	US-09-686-583B-48	Sequence 48, Appl
11	37	69.8	397	4	US-09-686-583B-43	Sequence 43, Appl
12	35	66.0	167	4	US-09-328-352-6844	Sequence 6844, Ap
13	35	66.0	395	3	US-09-032-372-1	Sequence 1, Appli
14	35	66.0	867	4	US-09-248-796A-19207	Sequence 19207, A
15	35	66.0	3730	4	US-09-949-016-9908	Sequence 9908, Ap
16	34.5	65.1	579	4	US-09-519-232-6	Sequence 6, Appli
17	34	64.2	53	4	US-09-270-767-58397	Sequence 58397, A
18	34	64.2	76	4	US-09-248-796A-26403	Sequence 26403, A
19	34	64.2	140	4	US-09-270-767-32712	Sequence 32712, A
20	34	64.2	140	4	US-09-270-767-47929	Sequence 47929, A
21	34	64.2	393	4	US-09-270-767-43063	Sequence 43063, A
22	34	64.2	519	4	US-09-248-796A-18734	Sequence 18734, A
23	34	64.2	1191	4	US-09-949-016-6356	Sequence 6356, Ap
24	33	62.3	20	4	US-09-615-153-5	Sequence 5, Appli
25	33	62.3	60	4	US-09-270-767-34498	Sequence 34498, A
26	33	62.3	60	4	US-09-270-767-49715	Sequence 49715, A
27	33	62.3	108	4	US-09-270-767-59740	Sequence 59740, A
28	33	62.3	359	4	US-09-949-016-7156	Sequence 7156, Ap
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33	33	62.3	971	4	US-09-419-291A-2	Sequence 2, Appli
34	33	62.3	971	4	US-10-116-048-2	Sequence 2, Appli
35	32	60.4	86	2	US-08-459-568-82	Sequence 82, Appl
36	32	60.4	86	2	US-08-399-411-82	Sequence 82, Appl
37	32	60.4	86	3	US-08-516-859A-82	Sequence 82, Appl
38	32	60.4	86	3	US-09-586-472-82	Sequence 82, Appl
39	32	60.4	86	4	US-09-528-706-82	Sequence 82, Appl
40	32	60.4	103	3	US-09-134-001C-3719	Sequence 3719, Ap
41	32	60.4	135	4	US-09-270-767-62131	Sequence 62131, A
42	32	60.4	197	4	US-09-270-767-37329	Sequence 37329, A
43	32	60.4	197	4	US-09-270-767-52546	Sequence 52546, A
44	32	60.4	330	4	US-09-543-681A-5940	Sequence 5940, Ap
45	32	60.4	369	4	US-09-906-779-5	Sequence 5, Appli
46	32	60.4	376	4	US-09-134-000C-6024	Sequence 6024, Ap
47	32	60.4	377	3	US-09-352-990-28	Sequence 28, Appl
48	32	60.4	437	4	US-09-543-681A-6358	Sequence 6358, Ap
49	32	60.4	458	4	US-09-949-016-7581	Sequence 7581, Ap
50	32	60.4	902	4	US-09-644-600-10	Sequence 10, Appl
51	32	60.4	902	4	US-09-654-600A-10	Sequence 10, Appl
52	32	60.4	1141	1	US-08-363-300-2	Sequence 2, Appli
53	32	60.4	1706	2	US-08-459-568-2	Sequence 2, Appli
54	32	60.4	1706	2	US-08-399-411-2	Sequence 2, Appli
55	32	60.4	1706	3	US-08-516-859A-2	Sequence 2, Appli
56	32	60.4	1706	3	US-09-586-472-2	Sequence 2, Appli
57	32	60.4	1706	4	US-09-528-706-2	Sequence 2, Appli
58	31.5	59.4	10	1	US-08-097-830E-18	Sequence 18, Appl
59	31.5	59.4	10	2	US-08-456-112B-18	Sequence 18, Appl
60	31	58.5	49	4	US-09-270-767-36917	Sequence 36917, A
61	31	58.5	49	4	US-09-270-767-52134	Sequence 52134, A
62	31	58.5	50	4	US-09-270-767-39403	Sequence 39403, A
63	31	58.5	50	4	US-09-270-767-54620	Sequence 54620, A
64	31	58.5	61	4	US-09-248-796A-26746	Sequence 26746, A
65	31	58.5	63	4	US-09-583-110-3688	Sequence 3688, Ap
66	31	58.5	63	4	US-09-107-433-4050	Sequence 4050, Ap
67	31	58.5	122	4	US-09-248-796A-27508	Sequence 27508, A
68	31	58.5	125	4	US-09-216-393B-75	Sequence 75, Appl
69	31	58.5	130	4	US-09-902-540-12273	Sequence 12273, A
70	31	58.5	150	2	US-08-851-188-1	Sequence 1, Appli
71	31	58.5	150	2	US-08-851-188-3	Sequence 3, Appli
72	31	58.5	150	3	US-09-255-045-1	Sequence 1, Appli
73	31	58.5	150	3	US-09-255-045-3	Sequence 3, Appli
74	31	58.5	150	4	US-09-949-016-6245	Sequence 6245, Ap
75	31	58.5	158	4	US-09-949-016-9986	Sequence 9986, Ap
76	31	58.5	163	4	US-09-134-000C-4490	Sequence 4490, Ap
77	31	58.5	188	4	US-09-198-452A-183	Sequence 183, App
78	31	58.5	189	4	US-09-438-185A-165	Sequence 165, App
79	31	58.5	191	4	US-09-489-039A-13754	Sequence 13754, A
80	31	58.5	213	3	US-09-134-001C-5360	Sequence 5360, Ap
81	31	58.5	251	4	US-09-270-767-58802	Sequence 58802, A
82	31	58.5	272	4	US-09-686-583B-2	Sequence 2, Appli
83	31	58.5	355	4	US-09-270-767-37109	Sequence 37109, A
84	31	58.5	355	4	US-09-270-767-52326	Sequence 52326, A
85	31	58.5	408	4	US-09-270-767-43449	Sequence 43449, A
86	31	58.5	422	4	US-09-341-446B-10	Sequence 10, Appl
87	31	58.5	438	4	US-09-248-796A-22527	Sequence 22527, A
88	31	58.5	464	4	US-09-949-016-11256	Sequence 11256, A
89	31	58.5	517	3	US-09-457-040B-14	Sequence 14, Appl
90	31	58.5	524	4	US-09-549-519-30	Sequence 30, Appl
91	31	58.5	536	4	US-09-270-767-34532	Sequence 34532, A
92	31	58.5	536	4	US-09-270-767-49749	Sequence 49749, A
93	31	58.5	650	4	US-08-207-954-7	Sequence 7, Appli
94	31	58.5	738	4	US-09-248-796A-16064	Sequence 16064, A
95	31	58.5	765	4	US-09-886-319A-8	Sequence 8, Appli
96	31	58.5	944	3	US-09-449-285A-2	Sequence 2, Appli
97	31	58.5	1125	4	US-09-949-016-10194	Sequence 10194, A
98	31	58.5	1214	4	US-09-949-016-6885	Sequence 6885, Ap
99	31	58.5	1318	4	US-09-949-016-7130	Sequence 7130, Ap
100	30.5	57.5	886	3	US-09-110-116-3	Sequence 3, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-33
Perfect score: 58
Sequence: 1 CKKLFKCKTK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	58	100.0	10	9	US-09-124-280A-33	Sequence 33, Appl
2	53	91.4	9	9	US-09-124-280A-34	Sequence 34, Appl
3	43	74.1	414	15	US-10-282-122A-54310	Sequence 54310, A
4	43	74.1	1551	9	US-09-864-761-35904	Sequence 35904, A
5	43	74.1	1882	13	US-10-087-192-330	Sequence 330, App
6	40	69.0	167	15	US-10-424-599-248944	Sequence 248944,
7	40	69.0	290	15	US-10-425-114-69912	Sequence 69912, A
8	39	67.2	338	15	US-10-264-049-2546	Sequence 2546, Ap
9	39	67.2	481	9	US-09-764-864-979	Sequence 979, App
10	38	65.5	536	9	US-09-864-761-36148	Sequence 36148, A
11	38	65.5	599	15	US-10-108-260A-3964	Sequence 3964, Ap
12	38	65.5	688	15	US-10-112-944-470	Sequence 470, App
13	37	63.8	179	15	US-10-424-599-216417	Sequence 216417,
14	37	63.8	236	15	US-10-424-599-224113	Sequence 224113,
15	37	63.8	381	15	US-10-401-324-48	Sequence 48, Appl
16	37	63.8	397	15	US-10-401-324-43	Sequence 43, Appl
17	37	63.8	402	15	US-10-369-493-1196	Sequence 1196, Ap
18	37	63.8	480	16	US-10-437-963-180101	Sequence 180101,
19	37	63.8	540	15	US-10-104-047-3748	Sequence 3748, Ap
20	37	63.8	568	16	US-10-203-052B-7	Sequence 7, Appli
21	36	62.1	19	10	US-09-776-724A-188	Sequence 188, App
22	36	62.1	58	16	US-10-437-963-162216	Sequence 162216,
23	36	62.1	67	15	US-10-424-599-262669	Sequence 262669,
24	36	62.1	102	16	US-10-437-963-178358	Sequence 178358,
25	36	62.1	122	10	US-09-776-724A-185	Sequence 185, App
26	36	62.1	147	16	US-10-767-701-53685	Sequence 53685, A
27	36	62.1	176	16	US-10-767-701-37509	Sequence 37509, A
28	36	62.1	194	15	US-10-220-120-257	Sequence 257, App
29	36	62.1	228	16	US-10-437-963-116774	Sequence 116774,
30	36	62.1	302	15	US-10-425-114-65633	Sequence 65633, A
31	36	62.1	492	15	US-10-369-493-19911	Sequence 19911, A
32	36	62.1	792	16	US-10-437-963-134089	Sequence 134089,
33	36	62.1	856	16	US-10-437-963-148483	Sequence 148483,
34	36	62.1	996	16	US-10-437-963-187715	Sequence 187715,
35	35	60.3	164	10	US-09-934-455-502	Sequence 502, App
36	35	60.3	164	15	US-10-374-780A-2200	Sequence 2200, Ap
37	35	60.3	170	10	US-09-934-455-464	Sequence 464, App
38	35	60.3	170	15	US-10-374-780A-2156	Sequence 2156, Ap
39	35	60.3	340	16	US-10-437-963-108735	Sequence 108735,
40	35	60.3	426	15	US-10-221-625-5	Sequence 5, Appli
41	35	60.3	428	15	US-10-104-047-3675	Sequence 3675, Ap
42	35	60.3	436	15	US-10-108-260A-4174	Sequence 4174, Ap
43	35	60.3	513	16	US-10-479-435-23	Sequence 23, Appl
44	35	60.3	610	15	US-10-094-749-2604	Sequence 2604, Ap
45	35	60.3	610	15	US-10-108-260A-3772	Sequence 3772, Ap
46	35	60.3	738	16	US-10-408-765A-740	Sequence 740, App
47	35	60.3	909	16	US-10-479-435-28	Sequence 28, Appl
48	35	60.3	2783	9	US-09-816-669A-14	Sequence 14, Appl
49	35	60.3	2789	16	US-10-408-765A-2228	Sequence 2228, Ap
50	35	60.3	2906	15	US-10-015-115-60	Sequence 60, Appl
51	35	60.3	2910	16	US-10-322-696-18	Sequence 18, Appl
52	35	60.3	2911	10	US-09-825-751A-68	Sequence 68, Appl
53	35	60.3	2911	15	US-10-295-027-162	Sequence 162, App
54	35	60.3	2911	16	US-10-408-765A-421	Sequence 421, App
55	34.5	59.5	579	14	US-10-328-675A-6	Sequence 6, Appli
56	34.5	59.5	931	15	US-10-436-715-61	Sequence 61, Appl
57	34	58.6	73	15	US-10-424-599-273293	Sequence 273293,
58	34	58.6	78	16	US-10-437-963-161168	Sequence 161168,
59	34	58.6	95	15	US-10-424-599-272910	Sequence 272910,
60	34	58.6	118	9	US-09-738-626-5573	Sequence 5573, Ap
61	34	58.6	122	9	US-09-764-864-1499	Sequence 1499, Ap
62	34	58.6	122	16	US-10-437-963-137928	Sequence 137928,
63	34	58.6	140	9	US-09-764-864-1077	Sequence 1077, Ap
64	34	58.6	239	15	US-10-424-599-157317	Sequence 157317,
65	34	58.6	255	15	US-10-369-493-11992	Sequence 11992, A
66	34	58.6	261	9	US-09-764-864-961	Sequence 961, App
67	34	58.6	271	16	US-10-437-963-156425	Sequence 156425,
68	34	58.6	281	9	US-09-764-864-1076	Sequence 1076, Ap
69	34	58.6	338	15	US-10-424-599-167507	Sequence 167507,
70	34	58.6	353	15	US-10-424-599-197961	Sequence 197961,
71	34	58.6	363	15	US-10-425-114-55856	Sequence 55856, A
72	34	58.6	492	9	US-09-864-761-42897	Sequence 42897, A
73	34	58.6	581	15	US-10-221-625-21	Sequence 21, Appl
74	34	58.6	586	15	US-10-104-047-2592	Sequence 2592, Ap
75	34	58.6	602	15	US-10-424-599-168193	Sequence 168193,
76	34	58.6	628	15	US-10-112-944-450	Sequence 450, App
77	34	58.6	642	15	US-10-295-027-434	Sequence 434, App
78	34	58.6	644	16	US-10-408-765A-1196	Sequence 1196, Ap
79	34	58.6	758	15	US-10-282-122A-53985	Sequence 53985, A
80	34	58.6	902	14	US-10-029-386-32110	Sequence 32110, A
81	34	58.6	1191	16	US-10-408-765A-2105	Sequence 2105, Ap
82	34	58.6	1193	16	US-10-437-963-185505	Sequence 185505,
83	34	58.6	1254	16	US-10-437-963-111885	Sequence 111885,
84	34	58.6	1419	16	US-10-437-963-125464	Sequence 125464,
85	34	58.6	1535	16	US-10-437-963-111886	Sequence 111886,
86	34	58.6	1688	16	US-10-437-963-188596	Sequence 188596,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-33
Perfect score: 58
Sequence: 1 CKKLFKCKTK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	58	100.0	10	1	US-08-049-871-4	Sequence 4, Appli
2	58	100.0	10	1	US-07-819-893-4	Sequence 4, Appli
3	58	100.0	10	1	US-08-280-397-4	Sequence 4, Appli
4	58	100.0	10	2	US-08-456-112B-33	Sequence 33, Appl
5	53	91.4	9	1	US-08-049-871-5	Sequence 5, Appli
6	53	91.4	9	1	US-07-819-893-5	Sequence 5, Appli
7	53	91.4	9	1	US-08-280-397-5	Sequence 5, Appli
8	53	91.4	9	2	US-08-456-112B-34	Sequence 34, Appl
9	39	67.2	803	4	US-09-538-092-1026	Sequence 1026, Ap
10	37	63.8	20	4	US-09-615-153-5	Sequence 5, Appli
11	37	63.8	381	4	US-09-686-583B-48	Sequence 48, Appl
12	37	63.8	397	4	US-09-686-583B-43	Sequence 43, Appl
13	35	60.3	85	4	US-09-270-767-59074	Sequence 59074, A
14	35	60.3	122	4	US-09-248-796A-27508	Sequence 27508, A
15	35	60.3	167	4	US-09-328-352-6844	Sequence 6844, Ap
16	35	60.3	313	4	US-09-270-767-43688	Sequence 43688, A
17	35	60.3	355	4	US-09-270-767-37109	Sequence 37109, A
18	35	60.3	355	4	US-09-270-767-52326	Sequence 52326, A
19	35	60.3	395	3	US-09-032-372-1	Sequence 1, Appli
20	35	60.3	867	4	US-09-248-796A-19207	Sequence 19207, A
21	35	60.3	3730	4	US-09-949-016-9908	Sequence 9908, Ap
22	34.5	59.5	161	4	US-09-270-767-60018	Sequence 60018, A
23	34.5	59.5	417	4	US-09-270-767-44567	Sequence 44567, A
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26	34	58.6	76	4	US-09-248-796A-26403	Sequence 26403, A
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51	33	56.9	2871	4	US-09-538-092-1076	Sequence 1076, Ap
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56	32	55.2	86	2	US-08-399-411-82	Sequence 82, Appl
57	32	55.2	86	3	US-08-516-859A-82	Sequence 82, Appl
58	32	55.2	86	3	US-09-586-472-82	Sequence 82, Appl
59	32	55.2	86	4	US-09-528-706-82	Sequence 82, Appl
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63	32	55.2	153	4	US-09-270-767-35298	Sequence 35298, A
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65	32	55.2	154	4	US-09-270-767-36528	Sequence 36528, A
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71	32	55.2	197	4	US-09-270-767-52546	Sequence 52546, A
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73	32	55.2	319	4	US-09-710-279-786	Sequence 786, App
74	32	55.2	321	3	US-09-134-001C-3900	Sequence 3900, Ap
75	32	55.2	330	4	US-09-543-681A-5940	Sequence 5940, Ap
76	32	55.2	369	4	US-09-906-779-5	Sequence 5, Appli
77	32	55.2	370	4	US-09-863-339A-2	Sequence 2, Appli
78	32	55.2	376	4	US-09-134-000C-6024	Sequence 6024, Ap
79	32	55.2	377	3	US-09-352-990-28	Sequence 28, Appl
80	32	55.2	437	4	US-09-543-681A-6358	Sequence 6358, Ap
81	32	55.2	458	4	US-09-949-016-7581	Sequence 7581, Ap
82	32	55.2	501	4	US-09-863-339A-1	Sequence 1, Appli
83	32	55.2	737	4	US-09-949-016-9368	Sequence 9368, Ap
84	32	55.2	902	4	US-09-644-600-10	Sequence 10, Appl
85	32	55.2	902	4	US-09-654-600A-10	Sequence 10, Appl
86	32	55.2	1141	1	US-08-363-300-2	Sequence 2, Appli
87	32	55.2	1706	2	US-08-459-568-2	Sequence 2, Appli
88	32	55.2	1706	2	US-08-399-411-2	Sequence 2, Appli
89	32	55.2	1706	3	US-08-516-859A-2	Sequence 2, Appli
90	32	55.2	1706	3	US-09-586-472-2	Sequence 2, Appli
91	32	55.2	1706	4	US-09-528-706-2	Sequence 2, Appli
92	31.5	54.3	10	1	US-08-097-830E-18	Sequence 18, Appl
93	31.5	54.3	10	2	US-08-456-112B-18	Sequence 18, Appl
94	31.5	54.3	971	2	US-08-724-354D-22	Sequence 22, Appl
95	31.5	54.3	971	3	US-09-270-984A-22	Sequence 22, Appl
96	31.5	54.3	971	3	US-09-177-431-8	Sequence 8, Appli
97	31	53.4	9	4	US-09-615-153-14	Sequence 14, Appl
98	31	53.4	20	4	US-09-615-153-6	Sequence 6, Appli
99	31	53.4	49	4	US-09-270-767-36917	Sequence 36917, A
100	31	53.4	49	4	US-09-270-767-52134	Sequence 52134, A

GenCore version 5.1.6

)M protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 26.1613 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-32
Perfect score: 30
Sequence: 1 KFLKKT 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	30	100.0	6	9	US-09-124-280A-32	Sequence 32, Appl
2	30	100.0	7	9	US-09-124-280A-6	Sequence 6, Appli
3	30	100.0	10	9	US-09-124-280A-36	Sequence 36, Appl
4	30	100.0	36	15	US-10-424-599-227949	Sequence 227949,
5	30	100.0	59	11	US-09-989-890-188	Sequence 188, App
6	30	100.0	59	14	US-10-074-511-67	Sequence 67, Appl
7	30	100.0	145	15	US-10-425-114-61892	Sequence 61892, A
8	30	100.0	145	15	US-10-425-114-66205	Sequence 66205, A
9	30	100.0	145	15	US-10-425-114-66468	Sequence 66468, A
10	30	100.0	145	15	US-10-425-114-67300	Sequence 67300, A
11	30	100.0	145	15	US-10-425-114-67358	Sequence 67358, A
12	30	100.0	145	15	US-10-425-114-67735	Sequence 67735, A
13	30	100.0	176	15	US-10-282-122A-44416	Sequence 44416, A
14	30	100.0	177	15	US-10-335-977-5606	Sequence 5606, Ap
15	30	100.0	221	16	US-10-767-701-55755	Sequence 55755, A
16	30	100.0	309	16	US-10-469-061A-42	Sequence 42, Appl
17	30	100.0	470	13	US-10-001-189-65	Sequence 65, Appl
18	30	100.0	569	15	US-10-424-599-217393	Sequence 217393,
19	30	100.0	586	15	US-10-424-599-230772	Sequence 230772,
20	30	100.0	628	15	US-10-425-114-41326	Sequence 41326, A
21	30	100.0	843	16	US-10-437-963-134152	Sequence 134152,
22	30	100.0	985	16	US-10-437-963-105070	Sequence 105070,
23	28	93.3	169	15	US-10-282-122A-71972	Sequence 71972, A
24	28	93.3	182	15	US-10-424-599-166601	Sequence 166601,
25	28	93.3	371	16	US-10-437-963-122405	Sequence 122405,
26	28	93.3	535	16	US-10-474-776-327	Sequence 327, App
27	28	93.3	535	17	US-10-472-928-2714	Sequence 2714, Ap
28	28	93.3	537	15	US-10-369-493-22792	Sequence 22792, A
29	27	90.0	44	15	US-10-424-599-166499	Sequence 166499,
30	27	90.0	52	15	US-10-424-599-159745	Sequence 159745,
31	27	90.0	57	15	US-10-424-599-248202	Sequence 248202,
32	27	90.0	64	10	US-09-764-891-3432	Sequence 3432, Ap
33	27	90.0	64	16	US-10-437-963-187393	Sequence 187393,
34	27	90.0	69	15	US-10-424-599-148304	Sequence 148304,
35	27	90.0	84	16	US-10-767-701-59409	Sequence 59409, A
36	27	90.0	106	16	US-10-437-963-121375	Sequence 121375,
37	27	90.0	111	15	US-10-424-599-214875	Sequence 214875,
38	27	90.0	158	9	US-09-764-868-1141	Sequence 1141, Ap
39	27	90.0	176	16	US-10-437-963-107635	Sequence 107635,
40	27	90.0	181	9	US-09-764-868-766	Sequence 766, App
41	27	90.0	195	15	US-10-389-566-472	Sequence 472, App
42	27	90.0	198	14	US-10-204-887-124	Sequence 124, App
43	27	90.0	245	16	US-10-437-963-133848	Sequence 133848,
44	27	90.0	253	15	US-10-389-566-901	Sequence 901, App
45	27	90.0	272	15	US-10-282-122A-54509	Sequence 54509, A
46	27	90.0	296	15	US-10-264-237-2711	Sequence 2711, Ap
47	27	90.0	365	16	US-10-437-963-202169	Sequence 202169,
48	27	90.0	535	15	US-10-369-493-10071	Sequence 10071, A
49	27	90.0	576	16	US-10-437-963-171121	Sequence 171121,
50	27	90.0	795	16	US-10-437-963-134154	Sequence 134154,
51	27	90.0	1104	15	US-10-369-493-19087	Sequence 19087, A
52	27	90.0	1124	15	US-10-369-493-19968	Sequence 19968, A
53	27	90.0	1237	15	US-10-108-260A-3795	Sequence 3795, Ap
54	27	90.0	3829	16	US-10-408-765A-849	Sequence 849, App
55	26	86.7	34	9	US-09-864-761-43257	Sequence 43257, A
56	26	86.7	38	16	US-10-437-963-173646	Sequence 173646,
57	26	86.7	44	15	US-10-424-599-217378	Sequence 217378,
58	26	86.7	49	15	US-10-424-599-199781	Sequence 199781,
59	26	86.7	49	15	US-10-424-599-221243	Sequence 221243,
60	26	86.7	50	15	US-10-424-599-223136	Sequence 223136,
61	26	86.7	68	15	US-10-424-599-154978	Sequence 154978,
62	26	86.7	68	16	US-10-437-963-196147	Sequence 196147,
63	26	86.7	74	15	US-10-424-599-277078	Sequence 277078,
64	26	86.7	81	16	US-10-437-963-137947	Sequence 137947,
65	26	86.7	86	15	US-10-424-599-156050	Sequence 156050,
66	26	86.7	86	15	US-10-424-599-233158	Sequence 233158,
67	26	86.7	98	15	US-10-424-599-153071	Sequence 153071,
68	26	86.7	105	15	US-10-424-599-203338	Sequence 203338,
69	26	86.7	105	15	US-10-296-115-821	Sequence 821, App
70	26	86.7	106	16	US-10-437-963-197374	Sequence 197374,
71	26	86.7	109	16	US-10-437-963-116045	Sequence 116045,
72	26	86.7	113	15	US-10-424-599-189199	Sequence 189199,
73	26	86.7	113	16	US-10-437-963-160079	Sequence 160079,
74	26	86.7	121	15	US-10-424-599-210882	Sequence 210882,
75	26	86.7	208	14	US-10-032-201B-182	Sequence 182, App
76	26	86.7	230	16	US-10-437-963-104213	Sequence 104213,
77	26	86.7	237	15	US-10-425-114-52915	Sequence 52915, A
78	26	86.7	250	15	US-10-369-493-137	Sequence 137, App
79	26	86.7	268	15	US-10-289-762-593	Sequence 593, App
80	26	86.7	270	15	US-10-424-599-224851	Sequence 224851,
81	26	86.7	302	9	US-09-764-868-822	Sequence 822, App
82	26	86.7	302	11	US-09-764-875-750	Sequence 750, App
83	26	86.7	312	15	US-10-312-273-271	Sequence 271, App
84	26	86.7	326	9	US-09-862-027-10	Sequence 10, Appl
85	26	86.7	340	9	US-09-764-868-798	Sequence 798, App
86	26	86.7	340	11	US-09-764-875-1053	Sequence 1053, Ap

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 10.2258 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-32
Perfect score: 30
Sequence: 1 KFLKKT 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	30	100.0	6	1	US-08-049-871-3	Sequence 3, Appli
2	30	100.0	6	1	US-07-819-893-3	Sequence 3, Appli
3	30	100.0	6	1	US-08-280-397-3	Sequence 3, Appli
4	30	100.0	6	1	US-08-097-830E-30	Sequence 30, Appl
5	30	100.0	6	2	US-08-456-112B-32	Sequence 32, Appl
6	30	100.0	7	1	US-08-097-830E-6	Sequence 6, Appli
7	30	100.0	7	2	US-08-456-112B-6	Sequence 6, Appli
8	30	100.0	10	1	US-08-049-871-7	Sequence 7, Appli
9	30	100.0	10	1	US-07-819-893-7	Sequence 7, Appli
10	30	100.0	10	1	US-08-280-397-7	Sequence 7, Appli
11	30	100.0	10	1	US-08-218-026-48	Sequence 48, Appl
12	30	100.0	10	2	US-08-653-632-48	Sequence 48, Appl
13	30	100.0	10	2	US-08-456-112B-36	Sequence 36, Appl
14	30	100.0	10	3	US-08-477-778-7	Sequence 7, Appli
15	30	100.0	10	5	PCT-US94-01234-46	Sequence 46, Appl
16	30	100.0	167	4	US-09-270-767-36082	Sequence 36082, A
17	30	100.0	167	4	US-09-270-767-51299	Sequence 51299, A
18	30	100.0	309	3	US-09-475-316A-72	Sequence 72, Appl
19	30	100.0	309	4	US-09-704-640-72	Sequence 72, Appl
20	30	100.0	342	4	US-09-107-532A-5664	Sequence 5664, Ap
21	28	93.3	309	4	US-09-543-681A-6867	Sequence 6867, Ap
22	28	93.3	908	4	US-09-270-767-42739	Sequence 42739, A
23	27	90.0	61	4	US-09-107-532A-4641	Sequence 4641, Ap
24	27	90.0	61	4	US-09-107-532A-4642	Sequence 4642, Ap
25	27	90.0	62	4	US-09-270-767-60328	Sequence 60328, A
26	27	90.0	65	4	US-09-107-532A-4640	Sequence 4640, Ap
27	27	90.0	73	4	US-09-134-000C-6531	Sequence 6531, Ap
28	27	90.0	84	3	US-09-134-001C-3443	Sequence 3443, Ap
29	27	90.0	235	4	US-09-107-532A-3775	Sequence 3775, Ap
30	27	90.0	289	4	US-09-270-767-44861	Sequence 44861, A
31	27	90.0	383	4	US-09-248-796A-16746	Sequence 16746, A
32	27	90.0	503	3	US-09-068-195-24	Sequence 24, Appl
33	27	90.0	2175	4	US-09-693-205A-8	Sequence 8, Appli
34	27	90.0	3829	4	US-09-693-205A-2	Sequence 2, Appli
35	27	90.0	3829	4	US-09-693-205A-16	Sequence 16, Appl
36	27	90.0	3830	4	US-09-693-205A-4	Sequence 4, Appli
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38	26	86.7	148	4	US-09-732-210-328	Sequence 328, App
39	26	86.7	155	4	US-09-270-767-35995	Sequence 35995, A
40	26	86.7	155	4	US-09-270-767-51212	Sequence 51212, A
41	26	86.7	177	4	US-09-270-767-40406	Sequence 40406, A
42	26	86.7	177	4	US-09-270-767-55622	Sequence 55622, A
43	26	86.7	268	4	US-09-198-452A-593	Sequence 593, App
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46	26	86.7	326	4	US-09-345-473E-10	Sequence 10, Appl
47	26	86.7	363	4	US-09-792-024-80	Sequence 80, Appl
48	26	86.7	521	4	US-09-962-834A-2	Sequence 2, Appli
49	26	86.7	521	4	US-09-851-873-103	Sequence 103, App
50	26	86.7	535	2	US-08-933-750C-20	Sequence 20, Appl
51	26	86.7	535	3	US-09-234-613-20	Sequence 20, Appl
52	26	86.7	535	4	US-09-023-942A-10	Sequence 10, Appl
53	26	86.7	562	4	US-09-949-016-7299	Sequence 7299, Ap
54	26	86.7	573	4	US-09-134-000C-5258	Sequence 5258, Ap
55	26	86.7	596	4	US-09-248-796A-18495	Sequence 18495, A
56	26	86.7	850	4	US-09-270-767-39495	Sequence 39495, A
57	26	86.7	850	4	US-09-270-767-54712	Sequence 54712, A
58	26	86.7	1173	4	US-09-248-796A-19313	Sequence 19313, A
59	26	86.7	1190	4	US-09-252-991A-21474	Sequence 21474, A
60	26	86.7	1447	3	US-09-376-330-17	Sequence 17, Appl
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62	25	83.3	7	1	US-07-819-893-1	Sequence 1, Appli
63	25	83.3	7	1	US-08-280-397-1	Sequence 1, Appli
64	25	83.3	7	2	US-08-456-112B-30	Sequence 30, Appl
65	25	83.3	10	1	US-08-049-871-2	Sequence 2, Appli
66	25	83.3	10	1	US-07-819-893-2	Sequence 2, Appli
67	25	83.3	10	1	US-08-280-397-2	Sequence 2, Appli
68	25	83.3	10	1	US-08-465-325-129	Sequence 129, App
69	25	83.3	10	1	US-08-218-026-49	Sequence 49, Appl
70	25	83.3	10	2	US-08-653-632-49	Sequence 49, Appl
71	25	83.3	10	2	US-08-456-112B-31	Sequence 31, Appl
72	25	83.3	10	3	US-09-115-737-129	Sequence 129, App
73	25	83.3	11	1	US-08-049-871-6	Sequence 6, Appli
74	25	83.3	11	1	US-07-819-893-6	Sequence 6, Appli
75	25	83.3	11	1	US-08-280-397-6	Sequence 6, Appli
76	25	83.3	11	1	US-08-218-026-50	Sequence 50, Appl
77	25	83.3	11	2	US-08-653-632-50	Sequence 50, Appl
78	25	83.3	11	2	US-08-456-112B-35	Sequence 35, Appl
79	25	83.3	14	2	US-08-338-882-3	Sequence 3, Appli
80	25	83.3	15	2	US-08-338-882-5	Sequence 5, Appli
81	25	83.3	15	2	US-08-338-882-6	Sequence 6, Appli
82	25	83.3	15	2	US-08-338-882-7	Sequence 7, Appli
83	25	83.3	15	2	US-08-338-882-37	Sequence 37, Appl
84	25	83.3	16	1	US-08-465-325-149	Sequence 149, App
85	25	83.3	16	2	US-08-338-882-4	Sequence 4, Appli
86	25	83.3	16	3	US-09-115-737-149	Sequence 149, App
87	25	83.3	18	4	US-09-493-211-6	Sequence 6, Appli
88	25	83.3	18	4	US-09-493-211-7	Sequence 7, Appli
89	25	83.3	21	1	US-07-965-663A-1	Sequence 1, Appli
90	25	83.3	21	1	US-07-965-663A-2	Sequence 2, Appli
91	25	83.3	21	1	US-07-965-663A-3	Sequence 3, Appli
92	25	83.3	21	1	US-07-965-663A-22	Sequence 22, Appl
93	25	83.3	21	1	US-07-965-663A-23	Sequence 23, Appl
94	25	83.3	22	1	US-07-965-663A-6	Sequence 6, Appli
95	25	83.3	22	1	US-07-965-663A-7	Sequence 7, Appli
96	25	83.3	22	1	US-07-965-663A-19	Sequence 19, Appl
97	25	83.3	22	1	US-07-965-663A-20	Sequence 20, Appl
98	25	83.3	22	1	US-07-965-663A-21	Sequence 21, Appl
99	25	83.3	22	1	US-08-282-030-4	Sequence 4, Appli
100	25	83.3	22	1	US-08-282-030-51	Sequence 51, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-31
Perfect score: 58
Sequence: 1 KTKCKFLKKC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	58	100.0	10	9	US-09-124-280A-31	Sequence 31, Appl
2	58	100.0	11	9	US-09-124-280A-35	Sequence 35, Appl
3	58	100.0	13	15	US-10-451-795-10	Sequence 10, Appl
4	58	100.0	14	15	US-10-451-795-8	Sequence 8, Appli
5	58	100.0	17	15	US-10-451-795-9	Sequence 9, Appli
6	53	91.4	10	15	US-10-451-795-7	Sequence 7, Appli
7	47.5	81.9	17	15	US-10-451-795-11	Sequence 11, Appl
8	46	79.3	191	15	US-10-425-114-43394	Sequence 43394, A
9	43	74.1	7	9	US-09-124-280A-30	Sequence 30, Appl
10	43	74.1	483	16	US-10-437-963-193616	Sequence 193616,
11	41	70.7	209	17	US-10-472-928-2578	Sequence 2578, Ap
12	39	67.2	106	15	US-10-424-599-276903	Sequence 276903,
13	39	67.2	115	15	US-10-425-114-40064	Sequence 40064, A
14	39	67.2	127	15	US-10-425-114-49746	Sequence 49746, A
15	39	67.2	150	15	US-10-424-599-154184	Sequence 154184,
16	39	67.2	173	15	US-10-425-114-37537	Sequence 37537, A
17	39	67.2	201	15	US-10-424-599-188735	Sequence 188735,
18	39	67.2	278	15	US-10-225-068-8	Sequence 8, Appli
19	39	67.2	278	15	US-10-374-780A-2326	Sequence 2326, Ap
20	39	67.2	278	15	US-10-412-699B-252	Sequence 252, App
21	39	67.2	283	15	US-10-424-599-276904	Sequence 276904,
22	39	67.2	284	15	US-10-425-114-72851	Sequence 72851, A
23	39	67.2	312	15	US-10-424-599-188732	Sequence 188732,
24	39	67.2	475	16	US-10-437-963-167772	Sequence 167772,
25	39	67.2	483	16	US-10-437-963-193808	Sequence 193808,
26	38	65.5	87	16	US-10-437-963-102824	Sequence 102824,
27	38	65.5	700	10	US-09-906-419-17	Sequence 17, Appl
28	38	65.5	700	14	US-10-119-136-17	Sequence 17, Appl
29	38	65.5	700	14	US-10-119-136-130	Sequence 130, App
30	38	65.5	700	15	US-10-410-031-17	Sequence 17, Appl
31	38	65.5	700	15	US-10-410-031-130	Sequence 130, App
32	38	65.5	994	16	US-10-437-963-119823	Sequence 119823,
33	37.5	64.7	55	9	US-09-764-877-1345	Sequence 1345, Ap
34	37.5	64.7	55	15	US-10-242-515-1345	Sequence 1345, Ap
35	37	63.8	10	9	US-09-124-280A-15	Sequence 15, Appl
36	37	63.8	10	9	US-09-124-280A-17	Sequence 17, Appl
37	37	63.8	78	15	US-10-424-599-260019	Sequence 260019,
38	37	63.8	216	9	US-09-828-644-82	Sequence 82, Appl
39	37	63.8	492	14	US-10-007-280A-212	Sequence 212, App
40	37	63.8	580	15	US-10-415-187-1	Sequence 1, Appli
41	37	63.8	975	16	US-10-437-963-186445	Sequence 186445,
42	37	63.8	1003	16	US-10-437-963-181404	Sequence 181404,
43	36	62.1	82	15	US-10-425-114-43438	Sequence 43438, A
44	36	62.1	139	16	US-10-767-701-44948	Sequence 44948, A
45	36	62.1	143	15	US-10-282-122A-53023	Sequence 53023, A
46	36	62.1	155	15	US-10-425-114-39066	Sequence 39066, A
47	36	62.1	156	15	US-10-424-599-278312	Sequence 278312,
48	36	62.1	156	15	US-10-424-599-282921	Sequence 282921,
49	36	62.1	181	15	US-10-425-114-55475	Sequence 55475, A
50	36	62.1	212	15	US-10-410-031-181	Sequence 181, App
51	36	62.1	256	16	US-10-437-963-111407	Sequence 111407,
52	36	62.1	278	16	US-10-437-963-124354	Sequence 124354,
53	36	62.1	285	15	US-10-310-154-576	Sequence 576, App
54	36	62.1	287	15	US-10-424-599-149174	Sequence 149174,
55	36	62.1	292	16	US-10-437-963-127100	Sequence 127100,
56	36	62.1	303	15	US-10-425-114-62107	Sequence 62107, A
57	36	62.1	303	15	US-10-425-114-62108	Sequence 62108, A
58	36	62.1	303	15	US-10-425-114-63741	Sequence 63741, A
59	36	62.1	327	15	US-10-425-114-63743	Sequence 63743, A
60	36	62.1	334	15	US-10-425-114-63742	Sequence 63742, A
61	36	62.1	347	15	US-10-282-122A-47197	Sequence 47197, A
62	36	62.1	355	15	US-10-425-114-64589	Sequence 64589, A
63	36	62.1	396	10	US-09-374-046A-42	Sequence 42, Appl
64	36	62.1	396	15	US-10-616-263-42	Sequence 42, Appl
65	36	62.1	445	14	US-10-242-943-2	Sequence 2, Appli
66	36	62.1	445	14	US-10-354-358-58	Sequence 58, Appl
67	36	62.1	445	15	US-10-173-999-30	Sequence 30, Appl
68	36	62.1	445	15	US-10-351-738A-1	Sequence 1, Appli
69	36	62.1	445	15	US-10-058-270A-96	Sequence 96, Appl
70	36	62.1	445	15	US-10-188-832-157	Sequence 157, App
71	36	62.1	488	16	US-10-437-963-127416	Sequence 127416,
72	36	62.1	521	16	US-10-767-701-45538	Sequence 45538, A
73	36	62.1	524	15	US-10-425-114-57859	Sequence 57859, A
74	36	62.1	694	15	US-10-425-114-39401	Sequence 39401, A
75	36	62.1	701	16	US-10-437-963-107364	Sequence 107364,
76	36	62.1	714	15	US-10-425-114-50040	Sequence 50040, A
77	36	62.1	1384	16	US-10-437-963-146054	Sequence 146054,
78	35.5	61.2	204	9	US-09-739-254-117	Sequence 117, App
79	35.5	61.2	204	9	US-09-904-615-117	Sequence 117, App
80	35.5	61.2	204	14	US-10-054-988-117	Sequence 117, App
81	35.5	61.2	299	9	US-09-739-254-73	Sequence 73, Appl
82	35.5	61.2	299	9	US-09-904-615-73	Sequence 73, Appl
83	35.5	61.2	299	14	US-10-054-988-73	Sequence 73, Appl
84	35.5	61.2	307	9	US-09-739-254-142	Sequence 142, App
85	35.5	61.2	307	9	US-09-904-615-142	Sequence 142, App
86	35.5	61.2	307	14	US-10-054-988-142	Sequence 142, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-31
Perfect score: 58
Sequence: 1 KTKCKFLKKC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	58	100.0	10	1	US-08-049-871-2	Sequence 2, Appli
2	58	100.0	10	1	US-07-819-893-2	Sequence 2, Appli
3	58	100.0	10	1	US-08-280-397-2	Sequence 2, Appli
4	58	100.0	10	1	US-08-218-026-49	Sequence 49, Appl
5	58	100.0	10	2	US-08-653-632-49	Sequence 49, Appl
6	58	100.0	10	2	US-08-456-112B-31	Sequence 31, Appl
7	58	100.0	11	1	US-08-049-871-6	Sequence 6, Appli
8	58	100.0	11	1	US-07-819-893-6	Sequence 6, Appli
9	58	100.0	11	1	US-08-280-397-6	Sequence 6, Appli
10	58	100.0	11	1	US-08-218-026-50	Sequence 50, Appl
11	58	100.0	11	2	US-08-653-632-50	Sequence 50, Appl
12	58	100.0	11	2	US-08-456-112B-35	Sequence 35, Appl
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14	43	74.1	7	1	US-07-819-893-1	Sequence 1, Appli
15	43	74.1	7	1	US-08-280-397-1	Sequence 1, Appli
16	43	74.1	7	2	US-08-456-112B-30	Sequence 30, Appl
17	41	70.7	209	4	US-09-583-110-4518	Sequence 4518, Ap
18	41	70.7	210	4	US-09-107-433-4694	Sequence 4694, Ap
19	39	67.2	147	4	US-09-640-211A-682	Sequence 682, App
20	38	65.5	37	3	US-08-858-207A-529	Sequence 529, App
21	38	65.5	355	4	US-09-270-767-37109	Sequence 37109, A
22	38	65.5	355	4	US-09-270-767-52326	Sequence 52326, A
23	37	63.8	10	1	US-08-097-830E-15	Sequence 15, Appl
24	37	63.8	10	1	US-08-097-830E-17	Sequence 17, Appl
25	37	63.8	10	2	US-08-456-112B-15	Sequence 15, Appl
26	37	63.8	10	2	US-08-456-112B-17	Sequence 17, Appl
27	37	63.8	20	4	US-09-615-153-5	Sequence 5, Appli
28	37	63.8	112	4	US-09-270-767-39668	Sequence 39668, A
29	37	63.8	112	4	US-09-270-767-54885	Sequence 54885, A
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34	36	62.1	445	4	US-09-538-092-1181	Sequence 1181, Ap
35	36	62.1	490	4	US-09-949-016-7829	Sequence 7829, Ap
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51	34	58.6	101	4	US-09-621-976-4436	Sequence 4436, Ap
52	34	58.6	138	4	US-09-270-767-36828	Sequence 36828, A
53	34	58.6	138	4	US-09-270-767-52045	Sequence 52045, A
54	34	58.6	323	4	US-09-270-767-35931	Sequence 35931, A
55	34	58.6	323	4	US-09-270-767-51148	Sequence 51148, A
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57	34	58.6	368	3	US-08-991-677-6	Sequence 6, Appli
58	34	58.6	392	4	US-09-270-767-59034	Sequence 59034, A
59	34	58.6	472	4	US-09-270-767-43652	Sequence 43652, A
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61	34	58.6	553	1	US-08-328-322-10	Sequence 10, Appl
62	34	58.6	553	4	US-09-538-092-585	Sequence 585, App
63	34	58.6	645	4	US-09-270-767-42014	Sequence 42014, A
64	34	58.6	903	4	US-09-252-991A-17937	Sequence 17937, A
65	33	56.9	10	1	US-08-097-830E-16	Sequence 16, Appl
66	33	56.9	10	2	US-08-456-112B-16	Sequence 16, Appl
67	33	56.9	86	4	US-09-270-767-44796	Sequence 44796, A
68	33	56.9	137	3	US-08-858-207A-373	Sequence 373, App
69	33	56.9	137	4	US-09-583-110-4141	Sequence 4141, Ap
70	33	56.9	137	4	US-09-270-767-32233	Sequence 32233, A
71	33	56.9	137	4	US-09-270-767-47450	Sequence 47450, A
72	33	56.9	137	4	US-09-640-211A-710	Sequence 710, App
73	33	56.9	138	4	US-09-107-433-5006	Sequence 5006, Ap
74	33	56.9	138	4	US-09-640-211A-712	Sequence 712, App
75	33	56.9	159	4	US-09-640-211A-659	Sequence 659, App
76	33	56.9	162	4	US-09-270-767-42570	Sequence 42570, A
77	33	56.9	223	1	US-08-430-633-1	Sequence 1, Appli
78	33	56.9	223	2	US-08-936-854-1	Sequence 1, Appli
79	33	56.9	255	2	US-08-933-750C-7	Sequence 7, Appli
80	33	56.9	255	3	US-09-234-613-7	Sequence 7, Appli
81	33	56.9	284	4	US-09-328-352-5307	Sequence 5307, Ap
82	33	56.9	284	4	US-09-270-767-44191	Sequence 44191, A
83	33	56.9	355	4	US-09-803-286A-12	Sequence 12, Appl
84	33	56.9	365	4	US-09-270-767-44316	Sequence 44316, A
85	33	56.9	381	4	US-09-248-796A-14241	Sequence 14241, A
86	33	56.9	389	4	US-09-543-681A-7318	Sequence 7318, Ap
87	33	56.9	391	2	US-08-644-034A-1	Sequence 1, Appli
88	33	56.9	416	3	US-09-228-246-4	Sequence 4, Appli
89	33	56.9	585	4	US-09-462-951B-1	Sequence 1, Appli
90	33	56.9	760	4	US-09-578-063-70	Sequence 70, Appl
91	33	56.9	760	4	US-09-578-063-76	Sequence 76, Appl
92	33	56.9	1003	1	US-07-991-867B-6	Sequence 6, Appli
93	33	56.9	1003	1	US-08-107-755A-6	Sequence 6, Appli
94	33	56.9	1003	2	US-08-544-332-6	Sequence 6, Appli
95	33	56.9	1003	4	US-09-370-861A-6	Sequence 6, Appli
96	33	56.9	1824	2	US-08-680-327-3	Sequence 3, Appli
97	33	56.9	1824	3	US-09-228-246-2	Sequence 2, Appli
98	32	55.2	21	3	US-08-665-259-11	Sequence 11, Appl
99	32	55.2	21	3	US-08-762-500-11	Sequence 11, Appl
100	32	55.2	45	1	US-08-632-691-1	Sequence 1, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 30.5215 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-30
Perfect score: 43
Sequence: 1 CKFLKKC 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	43	100.0	7	9	US-09-124-280A-30	Sequence 30, Appl
2	43	100.0	10	9	US-09-124-280A-31	Sequence 31, Appl
3	43	100.0	10	15	US-10-451-795-7	Sequence 7, Appli
4	43	100.0	11	9	US-09-124-280A-35	Sequence 35, Appl
5	43	100.0	13	15	US-10-451-795-10	Sequence 10, Appl
6	43	100.0	14	15	US-10-451-795-8	Sequence 8, Appli
7	43	100.0	17	15	US-10-451-795-9	Sequence 9, Appli
8	39	90.7	106	15	US-10-424-599-276903	Sequence 276903,
9	39	90.7	115	15	US-10-425-114-40064	Sequence 40064, A
10	39	90.7	127	15	US-10-425-114-49746	Sequence 49746, A
11	39	90.7	150	15	US-10-424-599-154184	Sequence 154184,
12	39	90.7	173	15	US-10-425-114-37537	Sequence 37537, A
13	39	90.7	201	15	US-10-424-599-188735	Sequence 188735,
14	39	90.7	278	15	US-10-225-068-8	Sequence 8, Appli
15	39	90.7	278	15	US-10-374-780A-2326	Sequence 2326, Ap
16	39	90.7	278	15	US-10-412-699B-252	Sequence 252, App
17	39	90.7	283	15	US-10-424-599-276904	Sequence 276904,
18	39	90.7	284	15	US-10-425-114-72851	Sequence 72851, A
19	39	90.7	312	15	US-10-424-599-188732	Sequence 188732,
20	38	88.4	475	16	US-10-437-963-167772	Sequence 167772,
21	38	88.4	483	16	US-10-437-963-193616	Sequence 193616,
22	37	86.0	994	16	US-10-437-963-119823	Sequence 119823,
23	37	86.0	1003	16	US-10-437-963-181404	Sequence 181404,
24	36	83.7	139	16	US-10-767-701-44948	Sequence 44948, A
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28	36	83.7	278	16	US-10-437-963-124354	Sequence 124354,
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33	36	83.7	303	15	US-10-425-114-62108	Sequence 62108, A
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35	36	83.7	327	15	US-10-425-114-63743	Sequence 63743, A
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37	36	83.7	355	15	US-10-425-114-64589	Sequence 64589, A
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43	34	79.1	191	15	US-10-425-114-43394	Sequence 43394, A
44	34	79.1	205	15	US-10-424-599-212824	Sequence 212824,
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47	34	79.1	483	16	US-10-437-963-193808	Sequence 193808,
48	34	79.1	562	9	US-09-925-299-869	Sequence 869, App
49	34	79.1	562	10	US-09-925-299-869	Sequence 869, App
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51	34	79.1	1103	16	US-10-437-963-168764	Sequence 168764,
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56	33	76.7	137	15	US-10-425-114-55858	Sequence 55858, A
57	33	76.7	150	15	US-10-424-599-208581	Sequence 208581,
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62	33	76.7	229	16	US-10-437-963-140535	Sequence 140535,
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66	33	76.7	283	14	US-10-295-403-128	Sequence 128, App
67	33	76.7	283	15	US-10-225-068-44	Sequence 44, Appl
68	33	76.7	283	15	US-10-374-780A-2480	Sequence 2480, Ap
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70	33	76.7	283	15	US-10-412-699B-258	Sequence 258, App
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73	33	76.7	297	15	US-10-425-114-58061	Sequence 58061, A
74	33	76.7	303	16	US-10-437-963-114314	Sequence 114314,
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76	33	76.7	318	10	US-09-934-455-90	Sequence 90, Appl
77	33	76.7	318	15	US-10-225-066A-524	Sequence 524, App
78	33	76.7	318	15	US-10-374-780A-2328	Sequence 2328, Ap
79	33	76.7	336	15	US-10-302-267-76	Sequence 76, Appl
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84	32.5	75.6	55	15	US-10-242-515-1345	Sequence 1345, Ap
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 11.9301 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-30
Perfect score: 43
Sequence: 1 CKFLKKC 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	43	100.0	7	1	US-07-819-893-1	Sequence 1, Appli
3	43	100.0	7	1	US-08-280-397-1	Sequence 1, Appli
4	43	100.0	7	2	US-08-456-112B-30	Sequence 30, Appl
5	43	100.0	10	1	US-08-049-871-2	Sequence 2, Appli
6	43	100.0	10	1	US-07-819-893-2	Sequence 2, Appli
7	43	100.0	10	1	US-08-280-397-2	Sequence 2, Appli
8	43	100.0	10	1	US-08-218-026-49	Sequence 49, Appl
9	43	100.0	10	2	US-08-653-632-49	Sequence 49, Appl
10	43	100.0	10	2	US-08-456-112B-31	Sequence 31, Appl
11	43	100.0	11	1	US-08-049-871-6	Sequence 6, Appli
12	43	100.0	11	1	US-07-819-893-6	Sequence 6, Appli
13	43	100.0	11	1	US-08-280-397-6	Sequence 6, Appli
14	43	100.0	11	1	US-08-218-026-50	Sequence 50, Appl
15	43	100.0	11	2	US-08-653-632-50	Sequence 50, Appl
16	43	100.0	11	2	US-08-456-112B-35	Sequence 35, Appl
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19	34	79.1	18	4	US-09-493-211-7	Sequence 7, Appli
20	34	79.1	37	3	US-08-858-207A-529	Sequence 529, App
21	34	79.1	101	4	US-09-621-976-4436	Sequence 4436, Ap
22	34	79.1	209	4	US-09-583-110-4518	Sequence 4518, Ap
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53	32	74.4	1089	3	US-08-461-917-2	Sequence 2, Appli
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66	32	74.4	1151	3	US-09-457-040B-11	Sequence 11, Appl
67	32	74.4	1151	4	US-09-538-092-23	Sequence 23, Appl
68	32	74.4	2713	5	PCT-US96-01735-1	Sequence 1, Appli
69	32	74.4	2749	4	US-09-385-222A-4	Sequence 4, Appli
70	31	72.1	45	1	US-08-632-691-1	Sequence 1, Appli
71	31	72.1	46	1	US-08-462-661A-13	Sequence 13, Appl
72	31	72.1	46	1	US-08-462-661A-15	Sequence 15, Appl
73	31	72.1	46	6	5318899-38	Patent No. 5318899
74	31	72.1	46	6	5318899-38	Patent No. 5318899
75	31	72.1	62	4	US-09-134-000C-4052	Sequence 4052, Ap
76	31	72.1	67	6	5318899-28	Patent No. 5318899
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81	31	72.1	163	4	US-09-270-767-46955	Sequence 46955, A
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91	31	72.1	877	4	US-09-619-353-2	Sequence 2, Appli
92	31	72.1	1385	4	US-09-827-998-16	Sequence 16, Appl
93	31	72.1	1770	4	US-09-827-998-10	Sequence 10, Appl
94	31	72.1	1791	4	US-09-827-998-3	Sequence 3, Appli
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 47.9624 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-28
Perfect score: 64
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Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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6	61	95.3	27	14	US-10-241-173-3	Sequence 3, Appli
7	61	95.3	101	9	US-09-109-175-5	Sequence 5, Appli
8	61	95.3	101	14	US-10-241-173-5	Sequence 5, Appli
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51	40	62.5	2222	17	US-10-810-486-4	Sequence 4, Appli
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57	39	60.9	2037	15	US-10-087-684-39	Sequence 39, Appl
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64	38	59.4	150	15	US-10-221-131-99	Sequence 99, Appl
65	38	59.4	150	15	US-10-399-518-123	Sequence 123, App
66	38	59.4	216	9	US-09-815-242-13375	Sequence 13375, A
67	38	59.4	216	15	US-10-282-122A-73827	Sequence 73827, A
68	38	59.4	216	17	US-10-472-928-838	Sequence 838, App
69	38	59.4	245	16	US-10-437-963-151329	Sequence 151329,
70	38	59.4	293	15	US-10-424-599-184005	Sequence 184005,
71	38	59.4	323	15	US-10-363-616-338	Sequence 338, App
72	38	59.4	323	17	US-10-482-029-14	Sequence 14, Appl
73	38	59.4	353	14	US-10-106-698-6180	Sequence 6180, Ap
74	38	59.4	373	15	US-10-264-049-3049	Sequence 3049, Ap
75	38	59.4	527	9	US-09-962-678-2	Sequence 2, Appli
76	38	59.4	527	9	US-09-981-353-166	Sequence 166, App
77	38	59.4	527	13	US-10-052-586-522	Sequence 522, App
78	38	59.4	527	14	US-10-174-590-522	Sequence 522, App
79	38	59.4	527	14	US-10-176-758-522	Sequence 522, App
80	38	59.4	527	14	US-10-175-737-522	Sequence 522, App
81	38	59.4	527	14	US-10-174-581-522	Sequence 522, App
82	38	59.4	527	14	US-10-176-483-522	Sequence 522, App
83	38	59.4	527	14	US-10-176-749-522	Sequence 522, App
84	38	59.4	527	14	US-10-176-914-522	Sequence 522, App
85	38	59.4	527	14	US-10-176-915-522	Sequence 522, App
86	38	59.4	527	14	US-10-173-706-522	Sequence 522, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 18.7473 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-28
Perfect score: 64
Sequence: 1 KRLKWKYKGKF 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	64	100.0	11	1	US-08-097-830E-28	Sequence 28, Appl
2	64	100.0	11	2	US-08-456-112B-28	Sequence 28, Appl
3	64	100.0	11	2	US-08-456-112B-45	Sequence 45, Appl
4	64	100.0	102	1	US-08-169-701-1	Sequence 1, Appli
5	64	100.0	102	2	US-08-760-903-1	Sequence 1, Appli
6	64	100.0	102	4	US-08-482-191-1	Sequence 1, Appli
7	64	100.0	102	5	PCT-US96-10227-1	Sequence 1, Appli
8	61	95.3	19	3	US-08-477-778-15	Sequence 15, Appl
9	61	95.3	22	3	US-09-160-309-1	Sequence 1, Appli
10	61	95.3	22	3	US-08-477-778-8	Sequence 8, Appli
11	61	95.3	22	4	US-09-691-500-1	Sequence 1, Appli
12	61	95.3	101	1	US-08-264-244-1	Sequence 1, Appli
13	61	95.3	101	1	US-08-478-689-1	Sequence 1, Appli
14	61	95.3	101	1	US-08-476-940-1	Sequence 1, Appli
15	61	95.3	101	1	US-08-704-872-1	Sequence 1, Appli
16	61	95.3	101	1	US-08-577-464-2	Sequence 2, Appli
17	61	95.3	101	3	US-08-967-038-1	Sequence 1, Appli
18	61	95.3	101	3	US-08-871-600A-1	Sequence 1, Appli
19	61	95.3	105	1	US-08-264-244-3	Sequence 3, Appli
20	61	95.3	105	1	US-08-478-689-3	Sequence 3, Appli
21	61	95.3	105	1	US-08-476-940-3	Sequence 3, Appli
22	61	95.3	105	1	US-08-704-872-3	Sequence 3, Appli
23	61	95.3	105	3	US-08-967-038-3	Sequence 3, Appli
24	61	95.3	105	3	US-08-871-600A-3	Sequence 3, Appli
25	59	92.2	11	1	US-08-366-953A-25	Sequence 25, Appl
26	48	75.0	221	4	US-09-489-039A-13704	Sequence 13704, A
27	43	67.2	237	4	US-09-149-476-418	Sequence 418, App
28	42	65.6	661	4	US-09-949-016-6157	Sequence 6157, Ap
29	42	65.6	665	4	US-09-949-016-10776	Sequence 10776, A
30	41	64.1	378	4	US-09-543-681A-7479	Sequence 7479, Ap
31	39	60.9	457	4	US-09-328-352-7471	Sequence 7471, Ap
32	39	60.9	2004	1	US-08-375-709-15	Sequence 15, Appl
33	39	60.9	2004	1	US-08-752-929-15	Sequence 15, Appl
34	39	60.9	2004	3	US-09-090-793-9	Sequence 9, Appli
35	39	60.9	2004	4	US-09-231-899-9	Sequence 9, Appli
36	38	59.4	78	4	US-09-513-999C-7361	Sequence 7361, Ap
37	38	59.4	216	4	US-09-583-110-4675	Sequence 4675, Ap
38	38	59.4	218	4	US-09-107-433-3679	Sequence 3679, Ap
39	38	59.4	351	4	US-09-949-016-9628	Sequence 9628, Ap
40	37	57.8	84	4	US-09-134-000C-3655	Sequence 3655, Ap
41	37	57.8	210	4	US-09-248-796A-15869	Sequence 15869, A
42	37	57.8	484	4	US-09-583-110-3742	Sequence 3742, Ap
43	37	57.8	486	4	US-09-107-433-3217	Sequence 3217, Ap
44	36	56.2	68	4	US-09-489-039A-12642	Sequence 12642, A
45	36	56.2	155	4	US-09-248-796A-15526	Sequence 15526, A
46	36	56.2	243	4	US-09-107-532A-6856	Sequence 6856, Ap
47	36	56.2	259	4	US-09-107-433-4239	Sequence 4239, Ap
48	36	56.2	500	4	US-09-328-352-6895	Sequence 6895, Ap
49	35	54.7	111	4	US-09-248-796A-22570	Sequence 22570, A
50	35	54.7	187	4	US-09-328-352-4606	Sequence 4606, Ap
51	35	54.7	264	4	US-09-902-540-16652	Sequence 16652, A
52	35	54.7	332	1	US-08-469-649-2	Sequence 2, Appli
53	35	54.7	332	3	US-09-347-878-60	Sequence 60, Appl
54	35	54.7	341	4	US-09-902-540-13885	Sequence 13885, A
55	35	54.7	393	4	US-09-248-796A-18861	Sequence 18861, A
56	35	54.7	404	4	US-09-543-681A-4348	Sequence 4348, Ap
57	35	54.7	737	4	US-09-538-092-921	Sequence 921, App
58	35	54.7	1551	4	US-09-231-899-73	Sequence 73, Appl
59	34	53.1	25	1	US-07-921-178A-16	Sequence 16, Appl
60	34	53.1	32	4	US-09-270-767-57653	Sequence 57653, A
61	34	53.1	51	4	US-09-079-030-84	Sequence 84, Appl
62	34	53.1	107	3	US-08-654-482-5	Sequence 5, Appli
63	34	53.1	107	3	US-08-654-482-6	Sequence 6, Appli
64	34	53.1	108	3	US-08-654-482-1	Sequence 1, Appli
65	34	53.1	108	3	US-08-654-482-2	Sequence 2, Appli
66	34	53.1	136	4	US-09-513-999C-5424	Sequence 5424, Ap
67	34	53.1	139	4	US-09-270-767-40371	Sequence 40371, A
68	34	53.1	139	4	US-09-270-767-55587	Sequence 55587, A
69	34	53.1	217	4	US-09-949-016-6509	Sequence 6509, Ap
70	34	53.1	228	4	US-09-949-016-9719	Sequence 9719, Ap
71	34	53.1	233	4	US-09-949-016-8117	Sequence 8117, Ap
72	34	53.1	249	4	US-09-252-991A-16620	Sequence 16620, A
73	34	53.1	259	4	US-09-328-352-7755	Sequence 7755, Ap
74	34	53.1	261	4	US-09-489-039A-7997	Sequence 7997, Ap
75	34	53.1	290	3	US-09-134-001C-4044	Sequence 4044, Ap
76	34	53.1	292	4	US-09-902-540-15020	Sequence 15020, A
77	34	53.1	367	3	US-09-166-205B-68	Sequence 68, Appl
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79	34	53.1	372	2	US-08-501-003A-12	Sequence 12, Appl
80	34	53.1	379	4	US-09-079-030-81	Sequence 81, Appl
81	34	53.1	383	2	US-08-501-003A-14	Sequence 14, Appl
82	34	53.1	389	2	US-08-501-003A-11	Sequence 11, Appl
83	34	53.1	391	1	US-07-921-178A-2	Sequence 2, Appli
84	34	53.1	391	1	US-08-103-445-5	Sequence 5, Appli
85	34	53.1	391	1	US-08-461-690B-5	Sequence 5, Appli
86	34	53.1	391	2	US-08-501-003A-13	Sequence 13, Appl
87	34	53.1	391	2	US-08-501-003A-16	Sequence 16, Appl
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90	34	53.1	393	3	US-09-230-371A-29	Sequence 29, Appl
91	34	53.1	397	4	US-09-252-991A-22719	Sequence 22719, A
92	34	53.1	398	2	US-08-501-003A-15	Sequence 15, Appl
93	34	53.1	411	4	US-09-949-016-8100	Sequence 8100, Ap
94	34	53.1	425	3	US-09-230-371A-30	Sequence 30, Appl
95	34	53.1	439	4	US-09-949-016-11483	Sequence 11483, A
96	34	53.1	450	2	US-08-611-280-2	Sequence 2, Appli
97	34	53.1	450	2	US-08-611-280-25	Sequence 25, Appl
98	34	53.1	450	3	US-09-195-940-2	Sequence 2, Appli
99	34	53.1	450	3	US-09-195-940-25	Sequence 25, Appl
100	34	53.1	450	3	US-09-562-466-2	Sequence 2, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 43.6021 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-27
Perfect score: 55
Sequence: 1 KWKAQKRFLK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	9	US-09-765-527-8	Sequence 8, Appli
2	55	100.0	10	9	US-09-124-280A-27	Sequence 27, Appl
3	55	100.0	10	9	US-09-124-280A-44	Sequence 44, Appl
4	55	100.0	10	15	US-10-446-628-8	Sequence 8, Appli
5	55	100.0	10	15	US-10-319-786-8	Sequence 8, Appli
6	55	100.0	12	9	US-09-765-527-125	Sequence 125, App
7	55	100.0	13	14	US-10-131-686A-30	Sequence 30, Appl
8	55	100.0	14	9	US-09-765-527-123	Sequence 123, App
9	55	100.0	14	14	US-10-131-686A-37	Sequence 37, Appl
10	55	100.0	14	15	US-10-446-628-164	Sequence 164, App
11	55	100.0	15	9	US-09-765-527-2	Sequence 2, Appli
12	55	100.0	15	9	US-09-765-527-9	Sequence 9, Appli
13	55	100.0	15	9	US-09-765-527-16	Sequence 16, Appl
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19	55	100.0	15	15	US-10-446-628-16	Sequence 16, Appl
20	55	100.0	15	15	US-10-446-628-17	Sequence 17, Appl
21	55	100.0	15	15	US-10-446-628-18	Sequence 18, Appl
22	55	100.0	15	15	US-10-446-628-19	Sequence 19, Appl
23	55	100.0	15	15	US-10-446-628-20	Sequence 20, Appl
24	55	100.0	15	15	US-10-446-628-49	Sequence 49, Appl
25	55	100.0	15	15	US-10-446-628-51	Sequence 51, Appl
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28	55	100.0	15	15	US-10-319-786-17	Sequence 17, Appl
29	55	100.0	15	15	US-10-319-786-18	Sequence 18, Appl
30	55	100.0	15	15	US-10-319-786-19	Sequence 19, Appl
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32	55	100.0	15	15	US-10-319-786-49	Sequence 49, Appl
33	55	100.0	15	15	US-10-319-786-63	Sequence 63, Appl
34	55	100.0	15	15	US-10-319-786-71	Sequence 71, Appl
35	55	100.0	16	9	US-09-765-527-59	Sequence 59, Appl
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37	55	100.0	16	15	US-10-319-786-9	Sequence 9, Appli
38	55	100.0	16	15	US-10-319-786-51	Sequence 51, Appl
39	55	100.0	17	9	US-09-765-527-66	Sequence 66, Appl
40	55	100.0	17	15	US-10-446-628-10	Sequence 10, Appl
41	55	100.0	17	15	US-10-446-628-66	Sequence 66, Appl
42	55	100.0	17	15	US-10-446-628-68	Sequence 68, Appl
43	55	100.0	17	15	US-10-319-786-10	Sequence 10, Appl
44	55	100.0	17	15	US-10-319-786-64	Sequence 64, Appl
45	55	100.0	17	15	US-10-319-786-68	Sequence 68, Appl
46	55	100.0	19	15	US-10-609-515-9	Sequence 9, Appli
47	55	100.0	20	9	US-09-765-527-7	Sequence 7, Appli
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49	55	100.0	20	9	US-09-765-527-48	Sequence 48, Appl
50	55	100.0	20	15	US-10-446-628-54	Sequence 54, Appl
51	55	100.0	20	15	US-10-446-628-57	Sequence 57, Appl
52	55	100.0	20	15	US-10-446-628-58	Sequence 58, Appl
53	55	100.0	20	15	US-10-446-628-150	Sequence 150, App
54	55	100.0	20	15	US-10-446-628-151	Sequence 151, App
55	55	100.0	20	15	US-10-319-786-54	Sequence 54, Appl
56	55	100.0	21	15	US-10-319-786-57	Sequence 57, Appl
57	55	100.0	21	15	US-10-319-786-58	Sequence 58, Appl
58	55	100.0	24	9	US-09-765-527-31	Sequence 31, Appl
59	55	100.0	24	9	US-09-765-527-70	Sequence 70, Appl
60	55	100.0	24	15	US-10-446-628-52	Sequence 52, Appl
61	55	100.0	24	15	US-10-446-628-70	Sequence 70, Appl
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63	55	100.0	24	15	US-10-319-786-70	Sequence 70, Appl
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65	55	100.0	25	9	US-09-765-527-116	Sequence 116, App
66	55	100.0	25	15	US-10-446-628-55	Sequence 55, Appl
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70	55	100.0	26	15	US-10-446-628-65	Sequence 65, Appl
71	55	100.0	26	15	US-10-319-786-65	Sequence 65, Appl
72	55	100.0	27	9	US-09-765-527-3	Sequence 3, Appli
73	55	100.0	27	14	US-10-131-433-5	Sequence 5, Appli
74	55	100.0	27	14	US-10-300-083-31	Sequence 31, Appl
75	55	100.0	27	15	US-10-446-628-11	Sequence 11, Appl
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84	55	100.0	33	14	US-10-300-083-6	Sequence 6, Appli
85	55	100.0	33	14	US-10-300-083-10	Sequence 10, Appl
86	55	100.0	35	14	US-10-131-686A-18	Sequence 18, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 17.043 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-27
Perfect score: 55
Sequence: 1 KWKAQKRFLK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	1	US-08-311-611A-8	Sequence 8, Appli
2	55	100.0	10	1	US-08-372-783-8	Sequence 8, Appli
3	55	100.0	10	1	US-08-372-105-8	Sequence 8, Appli
4	55	100.0	10	1	US-08-097-830E-27	Sequence 27, Appl
5	55	100.0	10	1	US-08-306-473A-8	Sequence 8, Appli
6	55	100.0	10	1	US-08-209-762-8	Sequence 8, Appli
7	55	100.0	10	1	US-08-473-344-8	Sequence 8, Appli
8	55	100.0	10	1	US-08-218-026-6	Sequence 6, Appli
9	55	100.0	10	2	US-08-653-632-6	Sequence 6, Appli
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 39.2419 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-26
Perfect score: 50
Sequence: 1 KWKAQKRFL 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	50	100.0	10	9	US-09-124-280A-27	Sequence 27, Appl
4	50	100.0	10	9	US-09-124-280A-44	Sequence 44, Appl
5	50	100.0	10	15	US-10-446-628-8	Sequence 8, Appli
6	50	100.0	10	15	US-10-319-786-8	Sequence 8, Appli
7	50	100.0	12	9	US-09-765-527-125	Sequence 125, App
8	50	100.0	13	14	US-10-131-686A-30	Sequence 30, Appl
9	50	100.0	14	9	US-09-765-527-123	Sequence 123, App
10	50	100.0	14	14	US-10-131-686A-37	Sequence 37, Appl
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13	50	100.0	15	9	US-09-765-527-9	Sequence 9, Appli
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22	50	100.0	15	15	US-10-446-628-16	Sequence 16, Appl
23	50	100.0	15	15	US-10-446-628-17	Sequence 17, Appl
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44	50	100.0	16	15	US-10-319-786-9	Sequence 9, Appli
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 15.3387 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-26
Perfect score: 50
Sequence: 1 KWKAQKRFL 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	50	100.0	10	1	US-08-372-783-8	Sequence 8, Appli
5	50	100.0	10	1	US-08-372-105-8	Sequence 8, Appli
6	50	100.0	10	1	US-08-097-830E-27	Sequence 27, Appl
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11	50	100.0	10	2	US-08-653-632-6	Sequence 6, Appli
12	50	100.0	10	2	US-08-456-112B-27	Sequence 27, Appl
13	50	100.0	10	2	US-08-456-112B-44	Sequence 44, Appl
14	50	100.0	10	2	US-08-621-803-8	Sequence 8, Appli
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23	50	100.0	10	5	PCT-US94-02465-8	Sequence 8, Appli
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61	50	100.0	14	2	US-08-653-632-27	Sequence 27, Appl
62	50	100.0	14	2	US-08-621-803-123	Sequence 123, App
63	50	100.0	14	2	US-08-485-445A-164	Sequence 164, App
64	50	100.0	14	3	US-09-119-263-164	Sequence 164, App
65	50	100.0	14	3	US-08-657-162-164	Sequence 164, App
66	50	100.0	14	3	US-09-224-480-164	Sequence 164, App
67	50	100.0	14	3	US-09-217-352-123	Sequence 123, App
68	50	100.0	14	3	US-09-280-909A-37	Sequence 37, Appl
69	50	100.0	14	3	US-08-477-778-12	Sequence 12, Appl
70	50	100.0	14	4	US-09-689-097-161	Sequence 161, App
71	50	100.0	14	5	PCT-US94-06931-37	Sequence 37, Appl
72	50	100.0	14	5	PCT-US95-00498-164	Sequence 164, App
73	50	100.0	14	5	PCT-US95-00656-164	Sequence 164, App
74	50	100.0	15	1	US-08-311-611A-7	Sequence 7, Appli
75	50	100.0	15	1	US-08-311-611A-16	Sequence 16, Appl
76	50	100.0	15	1	US-08-311-611A-17	Sequence 17, Appl
77	50	100.0	15	1	US-08-311-611A-18	Sequence 18, Appl
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81	50	100.0	15	1	US-08-311-611A-32	Sequence 32, Appl
82	50	100.0	15	1	US-08-311-611A-49	Sequence 49, Appl
83	50	100.0	15	1	US-08-311-611A-51	Sequence 51, Appl
84	50	100.0	15	1	US-08-372-783-7	Sequence 7, Appli
85	50	100.0	15	1	US-08-372-783-16	Sequence 16, Appl
86	50	100.0	15	1	US-08-372-783-17	Sequence 17, Appl
87	50	100.0	15	1	US-08-372-783-18	Sequence 18, Appl
88	50	100.0	15	1	US-08-372-783-19	Sequence 19, Appl
89	50	100.0	15	1	US-08-372-783-20	Sequence 20, Appl
90	50	100.0	15	1	US-08-372-783-29	Sequence 29, Appl
91	50	100.0	15	1	US-08-372-783-32	Sequence 32, Appl
92	50	100.0	15	1	US-08-372-783-49	Sequence 49, Appl
93	50	100.0	15	1	US-08-372-783-51	Sequence 51, Appl
94	50	100.0	15	1	US-08-372-105-7	Sequence 7, Appli
95	50	100.0	15	1	US-08-372-105-16	Sequence 16, Appl
96	50	100.0	15	1	US-08-372-105-17	Sequence 17, Appl
97	50	100.0	15	1	US-08-372-105-18	Sequence 18, Appl
98	50	100.0	15	1	US-08-372-105-19	Sequence 19, Appl
99	50	100.0	15	1	US-08-372-105-20	Sequence 20, Appl
100	50	100.0	15	1	US-08-372-105-29	Sequence 29, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 34.8817 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-25
Perfect score: 37
Sequence: 1 KELKRIKI 8

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	37	100.0	8	9	US-09-124-280A-25	Sequence 25, Appl
2	37	100.0	15	9	US-09-765-527-55	Sequence 55, Appl
3	37	100.0	15	15	US-10-446-628-5	Sequence 5, Appli
4	37	100.0	15	15	US-10-319-786-5	Sequence 5, Appli
5	37	100.0	22	9	US-09-765-527-4	Sequence 4, Appli
6	37	100.0	22	15	US-10-446-628-3	Sequence 3, Appli
7	37	100.0	22	15	US-10-319-786-3	Sequence 3, Appli
8	37	100.0	29	15	US-10-446-628-1	Sequence 1, Appli
9	37	100.0	29	15	US-10-319-786-1	Sequence 1, Appli
10	37	100.0	30	9	US-09-765-527-15	Sequence 15, Appl
11	37	100.0	30	15	US-10-446-628-2	Sequence 2, Appli
12	37	100.0	30	15	US-10-319-786-2	Sequence 2, Appli
13	37	100.0	198	14	US-10-131-686A-49	Sequence 49, Appl
14	37	100.0	198	14	US-10-131-686A-55	Sequence 55, Appl
15	37	100.0	198	14	US-10-131-686A-56	Sequence 56, Appl
16	37	100.0	199	14	US-10-131-686A-47	Sequence 47, Appl
17	37	100.0	199	14	US-10-131-686A-54	Sequence 54, Appl
18	37	100.0	199	14	US-10-131-686A-57	Sequence 57, Appl
19	37	100.0	220	15	US-10-404-724-4	Sequence 4, Appli
20	37	100.0	456	9	US-09-861-400-16	Sequence 16, Appl
21	37	100.0	456	15	US-10-162-743-11	Sequence 11, Appl
22	37	100.0	483	10	US-09-759-130B-408	Sequence 408, App
23	37	100.0	483	13	US-10-042-431-38	Sequence 38, Appl
24	37	100.0	483	16	US-10-741-790-408	Sequence 408, App
25	37	100.0	487	9	US-09-765-527-265	Sequence 265, App
26	37	100.0	487	9	US-09-760-397-16	Sequence 16, Appl
27	37	100.0	487	9	US-09-881-490-206	Sequence 206, App
28	37	100.0	487	9	US-09-942-021-2	Sequence 2, Appli
29	37	100.0	487	9	US-09-733-613-2	Sequence 2, Appli
30	37	100.0	487	9	US-09-728-938-2	Sequence 2, Appli
31	37	100.0	487	9	US-09-782-642-2	Sequence 2, Appli
32	37	100.0	487	9	US-09-255-245-2	Sequence 2, Appli
33	37	100.0	487	9	US-09-941-198A-2	Sequence 2, Appli
34	37	100.0	487	9	US-09-866-514-2	Sequence 2, Appli
35	37	100.0	487	9	US-09-861-400-4	Sequence 4, Appli
36	37	100.0	487	9	US-09-861-400-15	Sequence 15, Appl
37	37	100.0	487	10	US-09-746-311-2	Sequence 2, Appli
38	37	100.0	487	10	US-09-975-638B-3	Sequence 3, Appli
39	37	100.0	487	10	US-09-416-828-2	Sequence 2, Appli
40	37	100.0	487	10	US-09-480-234-2	Sequence 2, Appli
41	37	100.0	487	13	US-10-006-557-2	Sequence 2, Appli
42	37	100.0	487	14	US-10-226-810-2	Sequence 2, Appli
43	37	100.0	487	14	US-10-128-139-2	Sequence 2, Appli
44	37	100.0	487	14	US-10-196-460-2	Sequence 2, Appli
45	37	100.0	487	14	US-10-146-136-2	Sequence 2, Appli
46	37	100.0	487	14	US-10-209-621-28	Sequence 28, Appl
47	37	100.0	487	14	US-10-131-686A-12	Sequence 12, Appl
48	37	100.0	487	14	US-10-324-182-16	Sequence 16, Appl
49	37	100.0	487	15	US-10-404-724-2	Sequence 2, Appli
50	37	100.0	487	15	US-10-342-169A-2	Sequence 2, Appli
51	37	100.0	487	15	US-10-299-985-2	Sequence 2, Appli
52	37	100.0	487	15	US-10-162-743-2	Sequence 2, Appli
53	37	100.0	487	15	US-10-446-628-69	Sequence 69, Appl
54	37	100.0	487	15	US-10-446-628-146	Sequence 146, App
55	37	100.0	487	15	US-10-319-786-69	Sequence 69, Appl
56	37	100.0	487	15	US-10-359-013-13	Sequence 13, Appl
57	34	91.9	63	15	US-10-424-599-272164	Sequence 272164,
58	33	89.2	15	9	US-09-765-527-1	Sequence 1, Appli
59	33	89.2	15	15	US-10-446-628-4	Sequence 4, Appli
60	33	89.2	15	15	US-10-319-786-4	Sequence 4, Appli
61	33	89.2	28	14	US-10-131-686A-17	Sequence 17, Appl
62	33	89.2	125	15	US-10-424-599-243375	Sequence 243375,
63	33	89.2	125	16	US-10-437-963-108319	Sequence 108319,
64	33	89.2	139	15	US-10-425-114-69022	Sequence 69022, A
65	33	89.2	175	15	US-10-425-114-57662	Sequence 57662, A
66	33	89.2	1195	16	US-10-437-963-174724	Sequence 174724,
67	32	86.5	230	15	US-10-282-122A-71187	Sequence 71187, A
68	31	83.8	57	11	US-09-930-512-33	Sequence 33, Appl
69	31	83.8	103	15	US-10-460-594-83	Sequence 83, Appl
70	31	83.8	154	15	US-10-424-599-156153	Sequence 156153,
71	31	83.8	163	16	US-10-437-963-168140	Sequence 168140,
72	31	83.8	300	9	US-09-925-299-915	Sequence 915, App
73	31	83.8	300	10	US-09-925-299-915	Sequence 915, App
74	31	83.8	363	15	US-10-282-122A-76795	Sequence 76795, A
75	31	83.8	369	15	US-10-425-114-49873	Sequence 49873, A
76	31	83.8	546	9	US-09-909-320-250	Sequence 250, App
77	31	83.8	546	9	US-09-909-088B-250	Sequence 250, App
78	31	83.8	546	9	US-09-905-291A-250	Sequence 250, App
79	31	83.8	546	9	US-09-902-853-250	Sequence 250, App
80	31	83.8	546	9	US-09-907-824-250	Sequence 250, App
81	31	83.8	546	9	US-09-907-841-250	Sequence 250, App
82	31	83.8	546	10	US-09-904-011-250	Sequence 250, App
83	31	83.8	546	10	US-09-903-640-250	Sequence 250, App
84	31	83.8	546	10	US-09-908-093-250	Sequence 250, App
85	31	83.8	546	10	US-09-906-742-250	Sequence 250, App
86	31	83.8	546	10	US-09-906-838-250	Sequence 250, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 13.6344 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-25
Perfect score: 37
Sequence: 1 KELKRIKI 8

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	37	100.0	8	1	US-08-097-830E-25	Sequence 25, Appl
2	37	100.0	8	2	US-08-456-112B-25	Sequence 25, Appl
3	37	100.0	11	1	US-08-218-026-14	Sequence 14, Appl
4	37	100.0	11	2	US-08-653-632-14	Sequence 14, Appl
5	37	100.0	12	1	US-08-218-026-41	Sequence 41, Appl
6	37	100.0	12	2	US-08-653-632-41	Sequence 41, Appl
7	37	100.0	15	1	US-08-311-611A-5	Sequence 5, Appli
8	37	100.0	15	1	US-08-372-783-5	Sequence 5, Appli
9	37	100.0	15	1	US-08-372-105-5	Sequence 5, Appli
10	37	100.0	15	1	US-08-306-473A-5	Sequence 5, Appli
11	37	100.0	15	1	US-08-209-762-5	Sequence 5, Appli
12	37	100.0	15	1	US-08-473-344-5	Sequence 5, Appli
13	37	100.0	15	2	US-08-621-803-55	Sequence 55, Appl
14	37	100.0	15	2	US-08-485-445A-5	Sequence 5, Appli
15	37	100.0	15	3	US-09-119-263-5	Sequence 5, Appli
16	37	100.0	15	3	US-08-657-162-5	Sequence 5, Appli
17	37	100.0	15	3	US-09-224-480-5	Sequence 5, Appli
18	37	100.0	15	3	US-09-093-539-5	Sequence 5, Appli
19	37	100.0	15	3	US-09-217-352-55	Sequence 55, Appl
20	37	100.0	15	4	US-09-790-230-5	Sequence 5, Appli
21	37	100.0	15	4	US-09-689-097-7	Sequence 7, Appli
22	37	100.0	15	5	PCT-US94-02465-5	Sequence 5, Appli
23	37	100.0	15	5	PCT-US95-00498-5	Sequence 5, Appli
24	37	100.0	15	5	PCT-US95-00656-5	Sequence 5, Appli
25	37	100.0	22	1	US-08-311-611A-3	Sequence 3, Appli
26	37	100.0	22	1	US-08-372-783-3	Sequence 3, Appli
27	37	100.0	22	1	US-08-372-105-3	Sequence 3, Appli
28	37	100.0	22	1	US-08-306-473A-3	Sequence 3, Appli
29	37	100.0	22	1	US-08-209-762-3	Sequence 3, Appli
30	37	100.0	22	1	US-08-473-344-3	Sequence 3, Appli
31	37	100.0	22	2	US-08-621-803-4	Sequence 4, Appli
32	37	100.0	22	2	US-08-485-445A-3	Sequence 3, Appli
33	37	100.0	22	3	US-09-119-263-3	Sequence 3, Appli
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35	37	100.0	22	3	US-09-224-480-3	Sequence 3, Appli
36	37	100.0	22	3	US-09-093-539-3	Sequence 3, Appli
37	37	100.0	22	3	US-09-217-352-4	Sequence 4, Appli
38	37	100.0	22	4	US-09-790-230-3	Sequence 3, Appli
39	37	100.0	22	4	US-09-689-097-5	Sequence 5, Appli
40	37	100.0	22	5	PCT-US94-02465-3	Sequence 3, Appli
41	37	100.0	22	5	PCT-US95-00498-3	Sequence 3, Appli
42	37	100.0	22	5	PCT-US95-00656-3	Sequence 3, Appli
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44	37	100.0	29	1	US-08-372-783-1	Sequence 1, Appli
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47	37	100.0	29	1	US-08-209-762-1	Sequence 1, Appli
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49	37	100.0	29	2	US-08-485-445A-1	Sequence 1, Appli
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56	37	100.0	29	5	PCT-US94-02465-1	Sequence 1, Appli
57	37	100.0	29	5	PCT-US95-00498-1	Sequence 1, Appli
58	37	100.0	29	5	PCT-US95-00656-1	Sequence 1, Appli
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60	37	100.0	30	1	US-08-372-783-2	Sequence 2, Appli
61	37	100.0	30	1	US-08-372-105-2	Sequence 2, Appli
62	37	100.0	30	1	US-08-306-473A-2	Sequence 2, Appli
63	37	100.0	30	1	US-08-209-762-2	Sequence 2, Appli
64	37	100.0	30	1	US-08-473-344-2	Sequence 2, Appli
65	37	100.0	30	2	US-08-621-803-15	Sequence 15, Appl
66	37	100.0	30	2	US-08-485-445A-2	Sequence 2, Appli
67	37	100.0	30	3	US-09-119-263-2	Sequence 2, Appli
68	37	100.0	30	3	US-08-657-162-2	Sequence 2, Appli
69	37	100.0	30	3	US-09-224-480-2	Sequence 2, Appli
70	37	100.0	30	3	US-09-093-539-2	Sequence 2, Appli
71	37	100.0	30	3	US-09-217-352-15	Sequence 15, Appl
72	37	100.0	30	4	US-09-790-230-2	Sequence 2, Appli
73	37	100.0	30	4	US-09-689-097-4	Sequence 4, Appli
74	37	100.0	30	5	PCT-US94-02465-2	Sequence 2, Appli
75	37	100.0	30	5	PCT-US95-00498-2	Sequence 2, Appli
76	37	100.0	30	5	PCT-US95-00656-2	Sequence 2, Appli
77	37	100.0	198	1	US-08-261-660A-49	Sequence 49, Appl
78	37	100.0	198	1	US-08-261-660A-55	Sequence 55, Appl
79	37	100.0	198	1	US-08-261-660A-56	Sequence 56, Appl
80	37	100.0	198	3	US-09-280-909A-49	Sequence 49, Appl
81	37	100.0	198	3	US-09-280-909A-55	Sequence 55, Appl
82	37	100.0	198	3	US-09-280-909A-56	Sequence 56, Appl
83	37	100.0	199	1	US-08-261-660A-47	Sequence 47, Appl
84	37	100.0	199	1	US-08-261-660A-54	Sequence 54, Appl
85	37	100.0	199	3	US-09-280-909A-47	Sequence 47, Appl
86	37	100.0	199	3	US-09-280-909A-54	Sequence 54, Appl
87	37	100.0	199	3	US-09-280-909A-57	Sequence 57, Appl
88	37	100.0	221	1	US-08-173-968-3	Sequence 3, Appli
89	37	100.0	221	3	US-07-801-814D-2	Sequence 2, Appli
90	37	100.0	243	1	US-07-915-720D-16	Sequence 16, Appl
91	37	100.0	243	3	US-09-025-543-16	Sequence 16, Appl
92	37	100.0	262	4	US-09-949-016-9146	Sequence 9146, Ap
93	37	100.0	300	1	US-08-218-026-2	Sequence 2, Appli
94	37	100.0	300	2	US-08-653-632-2	Sequence 2, Appli
95	37	100.0	368	1	US-07-915-720D-15	Sequence 15, Appl
96	37	100.0	368	3	US-09-025-543-15	Sequence 15, Appl
97	37	100.0	456	1	US-07-915-720D-18	Sequence 18, Appl
98	37	100.0	456	1	US-07-915-720D-19	Sequence 19, Appl
99	37	100.0	456	3	US-08-879-565-11	Sequence 11, Appl
100	37	100.0	456	3	US-09-025-543-18	Sequence 18, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 12:17:20 ; Search time 39.2419 Seconds
(without alignments)
75.937 Million cell updates/sec

Title: US-09-124-280A-24
Perfect score: 46
Sequence: 1 FLKPGKVKV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	46	100.0	9	9	US-09-124-280A-24	Sequence 24, Appl
2	46	100.0	456	9	US-09-861-400-8	Sequence 8, Appli
3	46	100.0	456	9	US-09-861-400-12	Sequence 12, Appl
4	46	100.0	456	15	US-10-162-743-12	Sequence 12, Appl
5	46	100.0	477	16	US-10-408-765A-23	Sequence 23, Appl
6	46	100.0	481	9	US-09-731-872-271	Sequence 271, App
7	46	100.0	481	9	US-09-994-185-2	Sequence 2, Appli
8	46	100.0	481	9	US-09-861-400-2	Sequence 2, Appli
9	46	100.0	481	9	US-09-861-400-7	Sequence 7, Appli
10	46	100.0	481	9	US-09-861-400-11	Sequence 11, Appl
11	46	100.0	481	10	US-09-876-997-271	Sequence 271, App
12	46	100.0	481	13	US-10-004-139-2	Sequence 2, Appli
13	46	100.0	481	14	US-10-177-293-260	Sequence 260, App
14	46	100.0	481	14	US-10-131-686A-4	Sequence 4, Appli
15	46	100.0	481	15	US-10-004-139-2	Sequence 2, Appli
16	46	100.0	481	15	US-10-446-628-98	Sequence 98, Appl
17	46	100.0	481	15	US-10-319-786-98	Sequence 98, Appl
18	46	100.0	481	16	US-10-408-765A-291	Sequence 291, App
19	46	100.0	481	16	US-10-408-765A-1176	Sequence 1176, Ap
20	46	100.0	481	17	US-10-741-600-1562	Sequence 1562, Ap
21	37	80.4	393	15	US-10-424-599-274912	Sequence 274912,
22	36	78.3	112	16	US-10-437-963-150811	Sequence 150811,
23	36	78.3	456	9	US-09-861-400-6	Sequence 6, Appli
24	36	78.3	482	9	US-09-861-400-5	Sequence 5, Appli
25	36	78.3	561	15	US-10-369-493-5339	Sequence 5339, Ap
26	35	76.1	9	14	US-10-210-148-48	Sequence 48, Appl
27	35	76.1	143	15	US-10-264-049-4226	Sequence 4226, Ap
28	35	76.1	309	14	US-10-171-008-4	Sequence 4, Appli
29	35	76.1	353	9	US-09-815-242-13193	Sequence 13193, A
30	35	76.1	353	17	US-10-472-928-184	Sequence 184, App
31	35	76.1	366	15	US-10-282-122A-48656	Sequence 48656, A
32	35	76.1	695	9	US-09-792-127-2	Sequence 2, Appli
33	35	76.1	695	16	US-10-437-963-179778	Sequence 179778,
34	35	76.1	825	16	US-10-437-963-114379	Sequence 114379,
35	35	76.1	829	9	US-09-792-127-5	Sequence 5, Appli
36	35	76.1	855	9	US-09-792-127-4	Sequence 4, Appli
37	35	76.1	878	14	US-10-254-534-2	Sequence 2, Appli
38	35	76.1	882	14	US-10-056-454A-15	Sequence 15, Appl
39	35	76.1	1333	9	US-09-925-442-34	Sequence 34, Appl
40	35	76.1	1642	9	US-09-925-442-2	Sequence 2, Appli
41	35	76.1	1648	9	US-09-925-442-35	Sequence 35, Appl
42	34	73.9	91	16	US-10-767-701-47112	Sequence 47112, A
43	34	73.9	110	14	US-10-216-038-6	Sequence 6, Appli
44	34	73.9	110	16	US-10-311-830-6	Sequence 6, Appli
45	34	73.9	131	13	US-10-087-192-1236	Sequence 1236, Ap
46	34	73.9	131	14	US-10-239-251-1	Sequence 1, Appli
47	34	73.9	131	15	US-10-295-027-424	Sequence 424, App
48	34	73.9	131	15	US-10-295-027-1294	Sequence 1294, Ap
49	34	73.9	136	16	US-10-437-963-141516	Sequence 141516,
50	34	73.9	137	14	US-10-239-251-3	Sequence 3, Appli
51	34	73.9	137	16	US-10-437-963-141511	Sequence 141511,
52	34	73.9	137	16	US-10-767-701-47113	Sequence 47113, A
53	34	73.9	163	15	US-10-282-122A-53208	Sequence 53208, A
54	34	73.9	566	15	US-10-369-493-5338	Sequence 5338, Ap
55	34	73.9	595	15	US-10-369-493-984	Sequence 984, App
56	34	73.9	841	16	US-10-437-963-154157	Sequence 154157,
57	34	73.9	2420	16	US-10-437-963-163599	Sequence 163599,
58	33	71.7	52	16	US-10-437-963-177790	Sequence 177790,
59	33	71.7	57	15	US-10-424-599-181193	Sequence 181193,
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61	33	71.7	83	15	US-10-424-599-189347	Sequence 189347,
62	33	71.7	93	15	US-10-424-599-167089	Sequence 167089,
63	33	71.7	103	14	US-10-092-947A-6	Sequence 6, Appli
64	33	71.7	103	14	US-10-092-947A-56	Sequence 56, Appl
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66	33	71.7	142	16	US-10-437-963-114483	Sequence 114483,
67	33	71.7	229	9	US-09-879-957-221	Sequence 221, App
68	33	71.7	229	16	US-10-807-856-221	Sequence 221, App
69	33	71.7	251	9	US-09-879-957-8	Sequence 8, Appli
70	33	71.7	251	16	US-10-807-856-8	Sequence 8, Appli
71	33	71.7	330	14	US-10-128-714-3154	Sequence 3154, Ap
72	33	71.7	398	16	US-10-437-963-201160	Sequence 201160,
73	33	71.7	415	14	US-10-128-714-8154	Sequence 8154, Ap
74	33	71.7	508	15	US-10-369-493-5993	Sequence 5993, Ap
75	33	71.7	555	16	US-10-437-963-188656	Sequence 188656,
76	33	71.7	636	15	US-10-282-122A-46397	Sequence 46397, A
77	33	71.7	1264	15	US-10-369-493-3742	Sequence 3742, Ap
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79	33	71.7	1431	15	US-10-681-970-4	Sequence 4, Appli
80	33	71.7	2358	15	US-10-282-122A-68607	Sequence 68607, A
81	33	71.7	4563	9	US-09-870-759-128	Sequence 128, App
82	33	71.7	4563	10	US-09-751-708A-128	Sequence 128, App
83	32	69.6	24	10	US-09-983-802-661	Sequence 661, App
84	32	69.6	24	10	US-09-984-490-661	Sequence 661, App
85	32	69.6	24	11	US-09-973-278-620	Sequence 620, App
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:54:27 ; Search time 15.3387 Seconds
(without alignments)
43.800 Million cell updates/sec

Title: US-09-124-280A-24
Perfect score: 46
Sequence: 1 FLKPGKVKV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	46	100.0	9	1	US-08-097-830E-24	Sequence 24, Appl
2	46	100.0	9	2	US-08-456-112B-24	Sequence 24, Appl
3	46	100.0	284	2	US-08-215-089-7	Sequence 7, Appli
4	46	100.0	284	5	PCT-US95-03384-7	Sequence 7, Appli
5	46	100.0	452	1	US-08-205-719-3	Sequence 3, Appli
6	46	100.0	456	3	US-08-879-565-12	Sequence 12, Appl
7	46	100.0	456	3	US-08-431-517F-8	Sequence 8, Appli
8	46	100.0	456	3	US-08-431-517F-12	Sequence 12, Appl
9	46	100.0	477	1	US-07-847-562-2	Sequence 2, Appli
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11	46	100.0	477	2	US-08-990-849-2	Sequence 2, Appli
12	46	100.0	477	6	5245013-3	Patent No. 5245013
13	46	100.0	477	6	5245013-3	Patent No. 5245013
14	46	100.0	481	1	US-08-186-811-2	Sequence 2, Appli
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19	46	100.0	481	1	US-08-261-660A-4	Sequence 4, Appli
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23	46	100.0	481	1	US-08-377-391A-2	Sequence 2, Appli
24	46	100.0	481	2	US-08-215-089-9	Sequence 9, Appli
25	46	100.0	481	2	US-08-485-445A-98	Sequence 98, Appl
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47	38	82.6	514	4	US-09-489-039A-8290	Sequence 8290, Ap
48	36	78.3	386	4	US-09-543-681A-4761	Sequence 4761, Ap
49	36	78.3	456	1	US-08-205-719-4	Sequence 4, Appli
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51	36	78.3	482	3	US-08-431-517F-5	Sequence 5, Appli
52	36	78.3	482	6	5245013-2	Patent No. 5245013
53	36	78.3	482	6	5245013-2	Patent No. 5245013
54	35	76.1	123	4	US-09-513-999C-5436	Sequence 5436, Ap
55	35	76.1	123	4	US-09-513-999C-5437	Sequence 5437, Ap
56	35	76.1	135	4	US-09-732-210-800	Sequence 800, App
57	35	76.1	212	4	US-09-786-480B-7	Sequence 7, Appli
58	35	76.1	353	4	US-09-583-110-4793	Sequence 4793, Ap
59	35	76.1	358	4	US-09-107-433-3157	Sequence 3157, Ap
60	35	76.1	403	1	US-08-118-674-1	Sequence 1, Appli
61	35	76.1	592	4	US-09-786-480B-11	Sequence 11, Appl
62	35	76.1	758	4	US-09-786-480B-2	Sequence 2, Appli
63	35	76.1	760	4	US-09-786-480B-17	Sequence 17, Appl
64	35	76.1	844	4	US-09-786-480B-18	Sequence 18, Appl
65	35	76.1	878	3	US-09-087-277-2	Sequence 2, Appli
66	35	76.1	878	4	US-09-658-499-2	Sequence 2, Appli
67	35	76.1	882	4	US-08-945-722-15	Sequence 15, Appl
68	35	76.1	1221	4	US-09-107-532A-3959	Sequence 3959, Ap
69	35	76.1	1333	1	US-08-447-411-76	Sequence 76, Appl
70	35	76.1	1333	2	US-08-662-227-34	Sequence 34, Appl
71	35	76.1	1333	3	US-09-017-947-34	Sequence 34, Appl
72	35	76.1	1333	4	US-09-925-442-34	Sequence 34, Appl
73	35	76.1	1642	1	US-08-447-411-45	Sequence 45, Appl
74	35	76.1	1642	2	US-08-662-227-2	Sequence 2, Appli
75	35	76.1	1642	3	US-09-017-947-2	Sequence 2, Appli
76	35	76.1	1642	4	US-09-925-442-2	Sequence 2, Appli
77	35	76.1	1648	2	US-08-662-227-35	Sequence 35, Appl
78	35	76.1	1648	3	US-09-017-947-35	Sequence 35, Appl
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81	34	73.9	131	1	US-08-578-649-2	Sequence 2, Appli
82	34	73.9	131	4	US-10-019-455A-3	Sequence 3, Appli
83	34	73.9	155	4	US-09-949-016-7307	Sequence 7307, Ap
84	34	73.9	857	4	US-09-786-480B-19	Sequence 19, Appl
85	34	73.9	882	4	US-09-328-352-5232	Sequence 5232, Ap
86	33	71.7	160	4	US-09-957-641A-21	Sequence 21, Appl
87	33	71.7	214	5	PCT-US96-08950-2	Sequence 2, Appli
88	33	71.7	214	5	PCT-US96-09127-2	Sequence 2, Appli
89	33	71.7	229	3	US-08-630-915A-221	Sequence 221, App
90	33	71.7	229	4	US-09-879-957-221	Sequence 221, App
91	33	71.7	251	3	US-08-630-915A-8	Sequence 8, Appli
92	33	71.7	251	4	US-09-879-957-8	Sequence 8, Appli
93	33	71.7	511	4	US-09-902-540-10893	Sequence 10893, A
94	33	71.7	2343	3	US-09-324-867-2	Sequence 2, Appli
95	33	71.7	2385	4	US-09-543-681A-6304	Sequence 6304, Ap
96	33	71.7	4563	4	US-09-108-006C-1	Sequence 1, Appli
97	32.5	70.7	402	4	US-09-543-681A-5275	Sequence 5275, Ap
98	32	69.6	24	3	US-09-227-357-661	Sequence 661, App
99	32	69.6	136	4	US-09-732-210-808	Sequence 808, App
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 38.7766 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-23
Perfect score: 44
Sequence: 1 KVRKSFFKV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	44	100.0	9	9	US-09-124-280A-23	Sequence 23, Appl
2	41	93.2	13	14	US-10-131-686A-29	Sequence 29, Appl
3	41	93.2	14	13	US-10-003-858-56	Sequence 56, Appl
4	41	93.2	28	14	US-10-131-433-6	Sequence 6, Appli
5	41	93.2	197	9	US-09-994-185-4	Sequence 4, Appli
6	41	93.2	197	14	US-10-131-686A-2	Sequence 2, Appli
7	41	93.2	197	14	US-10-131-686A-45	Sequence 45, Appl
8	41	93.2	198	14	US-10-131-686A-50	Sequence 50, Appl
9	41	93.2	198	14	US-10-131-686A-52	Sequence 52, Appl
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13	41	93.2	456	9	US-09-861-400-12	Sequence 12, Appl
14	41	93.2	456	15	US-10-162-743-12	Sequence 12, Appl
15	41	93.2	477	14	US-10-161-968-14	Sequence 14, Appl
16	41	93.2	477	16	US-10-408-765A-23	Sequence 23, Appl
17	41	93.2	479	9	US-09-861-400-17	Sequence 17, Appl
18	41	93.2	481	9	US-09-731-872-271	Sequence 271, App
19	41	93.2	481	9	US-09-994-185-2	Sequence 2, Appli
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21	41	93.2	481	9	US-09-861-400-7	Sequence 7, Appli
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54	34	77.3	14	13	US-10-003-858-20	Sequence 20, Appl
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56	34	77.3	14	13	US-10-003-858-22	Sequence 22, Appl
57	34	77.3	14	13	US-10-003-858-23	Sequence 23, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 15.1755 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-23
Perfect score: 44
Sequence: 1 KVRKSFFKV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	41	93.2	12	3	US-08-477-778-2	Sequence 2, Appli
5	41	93.2	12	4	US-09-583-808-25	Sequence 25, Appl
6	41	93.2	13	1	US-08-261-660A-29	Sequence 29, Appl
7	41	93.2	13	3	US-09-280-909A-29	Sequence 29, Appl
8	41	93.2	13	5	PCT-US94-06931-29	Sequence 29, Appl
9	41	93.2	14	3	US-08-817-787-29	Sequence 29, Appl
10	41	93.2	14	3	US-08-477-778-10	Sequence 10, Appl
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13	41	93.2	16	4	US-09-583-808-27	Sequence 27, Appl
14	41	93.2	197	1	US-08-186-811-4	Sequence 4, Appli
15	41	93.2	197	1	US-08-261-660A-2	Sequence 2, Appli
16	41	93.2	197	1	US-08-261-660A-45	Sequence 45, Appl
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19	41	93.2	197	2	US-08-215-089-2	Sequence 2, Appli
20	41	93.2	197	2	US-08-779-400-4	Sequence 4, Appli
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67	41	93.2	481	3	US-08-431-517F-11	Sequence 11, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 47.3936 Seconds
(without alignments)
76.848 Million cell updates/sec

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Perfect score: 52
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Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

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Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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64	32	61.5	1722	14	US-10-207-655-145	Sequence 145, App
65	32	61.5	1953	15	US-10-369-493-1945	Sequence 1945, Ap
66	32	61.5	2351	16	US-10-437-963-170608	Sequence 170608,
67	32	61.5	4753	15	US-10-369-493-5119	Sequence 5119, Ap
68	31.5	60.6	689	15	US-10-369-493-2534	Sequence 2534, Ap
69	31	59.6	41	15	US-10-424-599-285238	Sequence 285238,
70	31	59.6	50	15	US-10-424-599-180208	Sequence 180208,
71	31	59.6	52	14	US-10-218-102-354	Sequence 354, App
72	31	59.6	74	15	US-10-424-599-188575	Sequence 188575,
73	31	59.6	78	14	US-10-023-896-120	Sequence 120, App
74	31	59.6	81	14	US-10-023-896-119	Sequence 119, App
75	31	59.6	82	9	US-09-867-550-492	Sequence 492, App
76	31	59.6	109	15	US-10-282-122A-47531	Sequence 47531, A
77	31	59.6	109	15	US-10-282-122A-49015	Sequence 49015, A
78	31	59.6	109	15	US-10-282-122A-50330	Sequence 50330, A
79	31	59.6	109	16	US-10-437-963-115311	Sequence 115311,
80	31	59.6	117	14	US-10-023-896-57	Sequence 57, Appl
81	31	59.6	117	16	US-10-767-701-62867	Sequence 62867, A
82	31	59.6	130	15	US-10-424-599-275308	Sequence 275308,
83	31	59.6	133	15	US-10-264-049-2270	Sequence 2270, Ap
84	31	59.6	147	15	US-10-424-599-182233	Sequence 182233,
85	31	59.6	155	16	US-10-767-701-55568	Sequence 55568, A
86	31	59.6	173	15	US-10-335-977-8773	Sequence 8773, Ap

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 18.5479 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-22
Perfect score: 52
Sequence: 1 KSLSLKRLTYR 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	52	100.0	11	1	US-08-097-830E-22	Sequence 22, Appl
2	52	100.0	11	2	US-08-456-112B-22	Sequence 22, Appl
3	44	84.6	366	3	US-08-746-883-6	Sequence 6, Appli
4	44	84.6	366	4	US-09-313-177-6	Sequence 6, Appli
5	35	67.3	62	4	US-09-489-039A-13884	Sequence 13884, A
6	34	65.4	123	4	US-09-270-767-35521	Sequence 35521, A
7	34	65.4	123	4	US-09-270-767-50738	Sequence 50738, A
8	34	65.4	322	4	US-09-252-991A-28933	Sequence 28933, A
9	34	65.4	439	4	US-09-252-991A-28709	Sequence 28709, A
10	33	63.5	444	4	US-09-591-466C-6	Sequence 6, Appli
11	33	63.5	542	4	US-09-252-991A-29987	Sequence 29987, A
12	32	61.5	126	4	US-09-732-210-1163	Sequence 1163, Ap
13	32	61.5	324	4	US-09-248-796A-16351	Sequence 16351, A
14	32	61.5	355	4	US-09-270-767-36315	Sequence 36315, A
15	32	61.5	355	4	US-09-270-767-51532	Sequence 51532, A
16	32	61.5	431	4	US-09-592-998C-9	Sequence 9, Appli
17	32	61.5	435	4	US-09-592-998C-10	Sequence 10, Appl
18	32	61.5	487	4	US-09-328-352-6206	Sequence 6206, Ap
19	32	61.5	495	4	US-09-248-796A-20007	Sequence 20007, A
20	32	61.5	598	4	US-09-650-324A-58	Sequence 58, Appl
21	32	61.5	751	4	US-09-540-236-2921	Sequence 2921, Ap
22	32	61.5	1722	4	US-09-194-612A-1	Sequence 1, Appli
23	31	59.6	50	4	US-09-621-976-5023	Sequence 5023, Ap
24	31	59.6	115	4	US-09-345-236B-131	Sequence 131, App
25	31	59.6	148	4	US-09-328-352-8000	Sequence 8000, Ap
26	31	59.6	154	4	US-09-252-991A-31799	Sequence 31799, A
27	31	59.6	163	4	US-09-270-767-36854	Sequence 36854, A
28	31	59.6	163	4	US-09-270-767-52071	Sequence 52071, A
29	31	59.6	179	4	US-09-252-991A-30388	Sequence 30388, A
30	31	59.6	241	2	US-08-865-273-2	Sequence 2, Appli
31	31	59.6	241	3	US-09-385-174-2	Sequence 2, Appli
32	31	59.6	333	4	US-09-248-796A-20704	Sequence 20704, A
33	31	59.6	420	2	US-08-588-258B-40	Sequence 40, Appl
34	31	59.6	420	5	PCT-US96-08295-40	Sequence 40, Appl
35	31	59.6	428	3	US-09-108-020-2	Sequence 2, Appli
36	31	59.6	428	3	US-09-108-020-33	Sequence 33, Appl
37	31	59.6	428	4	US-09-685-296-2	Sequence 2, Appli
38	31	59.6	428	4	US-09-685-296-33	Sequence 33, Appl
39	31	59.6	439	3	US-09-457-046B-68	Sequence 68, Appl
40	31	59.6	439	4	US-09-866-570B-68	Sequence 68, Appl
41	31	59.6	552	4	US-08-675-499A-2	Sequence 2, Appli
42	31	59.6	552	4	US-08-812-008-2	Sequence 2, Appli
43	31	59.6	552	4	US-09-949-016-6608	Sequence 6608, Ap
44	31	59.6	609	4	US-09-902-540-12674	Sequence 12674, A
45	31	59.6	844	4	US-09-949-016-9438	Sequence 9438, Ap
46	31	59.6	1038	4	US-09-538-092-487	Sequence 487, App
47	31	59.6	1248	3	US-08-726-214-16	Sequence 16, Appl
48	30	57.7	121	4	US-09-543-681A-7237	Sequence 7237, Ap
49	30	57.7	147	4	US-09-732-210-1347	Sequence 1347, Ap
50	30	57.7	162	4	US-09-270-767-38772	Sequence 38772, A
51	30	57.7	162	4	US-09-270-767-53989	Sequence 53989, A
52	30	57.7	179	3	US-09-134-001C-3711	Sequence 3711, Ap
53	30	57.7	233	4	US-09-248-796A-19554	Sequence 19554, A
54	30	57.7	256	4	US-09-583-110-4113	Sequence 4113, Ap
55	30	57.7	260	3	US-09-134-001C-4507	Sequence 4507, Ap
56	30	57.7	266	4	US-09-252-991A-19949	Sequence 19949, A
57	30	57.7	280	4	US-09-489-039A-10103	Sequence 10103, A
58	30	57.7	294	4	US-09-107-532A-5153	Sequence 5153, Ap
59	30	57.7	294	4	US-09-134-000C-6529	Sequence 6529, Ap
60	30	57.7	305	4	US-09-270-767-60012	Sequence 60012, A
61	30	57.7	311	4	US-09-543-681A-4963	Sequence 4963, Ap
62	30	57.7	311	4	US-09-489-039A-9759	Sequence 9759, Ap
63	30	57.7	346	4	US-09-328-352-7531	Sequence 7531, Ap
64	30	57.7	357	4	US-09-107-433-3434	Sequence 3434, Ap
65	30	57.7	398	4	US-09-543-681A-5007	Sequence 5007, Ap
66	30	57.7	411	4	US-09-270-767-45780	Sequence 45780, A
67	30	57.7	440	4	US-09-270-767-44562	Sequence 44562, A
68	30	57.7	456	3	US-08-858-207A-366	Sequence 366, App
69	30	57.7	459	4	US-09-248-796A-20540	Sequence 20540, A
70	30	57.7	508	4	US-09-489-039A-7307	Sequence 7307, Ap
71	30	57.7	575	4	US-09-248-796A-15765	Sequence 15765, A
72	30	57.7	619	4	US-09-540-236-2182	Sequence 2182, Ap
73	30	57.7	626	4	US-09-252-991A-20268	Sequence 20268, A
74	30	57.7	672	4	US-09-489-039A-13685	Sequence 13685, A
75	30	57.7	749	4	US-09-583-110-2921	Sequence 2921, Ap
76	30	57.7	806	4	US-09-107-433-2944	Sequence 2944, Ap
77	30	57.7	849	4	US-09-538-092-54	Sequence 54, Appl
78	30	57.7	951	4	US-09-248-796A-20520	Sequence 20520, A
79	30	57.7	1010	4	US-09-654-449-2	Sequence 2, Appli
80	30	57.7	1010	4	US-09-759-152A-2	Sequence 2, Appli
81	30	57.7	1031	4	US-09-489-039A-11186	Sequence 11186, A
82	30	57.7	1121	1	US-07-789-915A-2	Sequence 2, Appli
83	30	57.7	1121	1	US-08-005-002C-2	Sequence 2, Appli
84	30	57.7	1121	1	US-08-487-203A-2	Sequence 2, Appli
85	30	57.7	1403	1	US-07-908-253-3	Sequence 3, Appli
86	30	57.7	1403	2	US-08-694-865-17	Sequence 17, Appl
87	30	57.7	1403	2	US-08-535-837-3	Sequence 3, Appli
88	30	57.7	1403	3	US-09-124-491-17	Sequence 17, Appl
89	30	57.7	1403	4	US-09-383-912-17	Sequence 17, Appl
90	30	57.7	1618	1	US-07-853-913-4	Sequence 4, Appli
91	30	57.7	1618	4	US-09-538-092-1143	Sequence 1143, Ap
92	30	57.7	1805	1	US-07-853-913-2	Sequence 2, Appli
93	29	55.8	46	4	US-09-270-767-56734	Sequence 56734, A
94	29	55.8	52	4	US-09-513-999C-5720	Sequence 5720, Ap
95	29	55.8	82	4	US-09-252-991A-32127	Sequence 32127, A
96	29	55.8	109	4	US-09-248-796A-22722	Sequence 22722, A
97	29	55.8	127	4	US-09-621-976-4370	Sequence 4370, Ap
98	29	55.8	128	4	US-09-660-107-4	Sequence 4, Appli
99	29	55.8	129	4	US-09-549-519-37	Sequence 37, Appl
100	29	55.8	129	4	US-09-549-519-38	Sequence 38, Appl

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 38.7766 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-21
Perfect score: 40
Sequence: 1 VKALRVRRL 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
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19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	40	100.0	9	9	US-09-124-280A-21	Sequence 21, Appl
2	40	100.0	339	14	US-10-251-718-1	Sequence 1, Appli
3	40	100.0	356	15	US-10-432-236-1	Sequence 1, Appli
4	40	100.0	356	15	US-10-240-403-1	Sequence 1, Appli
5	40	100.0	375	14	US-10-207-655-178	Sequence 178, App
6	40	100.0	375	15	US-10-331-496A-23	Sequence 23, Appl
7	40	100.0	431	9	US-09-925-302-485	Sequence 485, App
8	40	100.0	431	10	US-09-925-302-485	Sequence 485, App
9	34	85.0	1229	16	US-10-437-963-133251	Sequence 133251,
10	33	82.5	269	15	US-10-424-599-193020	Sequence 193020,
11	33	82.5	842	16	US-10-437-963-111774	Sequence 111774,
12	33	82.5	1857	16	US-10-437-963-152007	Sequence 152007,
13	32	80.0	20	14	US-10-340-288-30	Sequence 30, Appl
14	32	80.0	193	10	US-09-862-540-45	Sequence 45, Appl
15	32	80.0	206	15	US-10-369-493-19930	Sequence 19930, A
16	32	80.0	218	15	US-10-369-493-2768	Sequence 2768, Ap
17	32	80.0	224	9	US-09-764-864-1465	Sequence 1465, Ap
18	32	80.0	404	9	US-09-764-864-1037	Sequence 1037, Ap
19	32	80.0	422	16	US-10-437-963-166654	Sequence 166654,
20	32	80.0	1439	9	US-09-887-669-2	Sequence 2, Appli
21	32	80.0	1439	16	US-10-408-765A-284	Sequence 284, App
22	32	80.0	1457	9	US-09-887-669-1	Sequence 1, Appli
23	31	77.5	57	15	US-10-424-599-190263	Sequence 190263,
24	31	77.5	208	15	US-10-369-493-19007	Sequence 19007, A
25	31	77.5	222	14	US-10-156-761-11707	Sequence 11707, A
26	31	77.5	263	15	US-10-264-049-2406	Sequence 2406, Ap
27	31	77.5	329	15	US-10-287-226-294	Sequence 294, App
28	31	77.5	367	15	US-10-425-114-48334	Sequence 48334, A
29	31	77.5	416	16	US-10-437-963-131397	Sequence 131397,
30	31	77.5	484	16	US-10-437-963-194130	Sequence 194130,
31	31	77.5	492	15	US-10-282-122A-44750	Sequence 44750, A
32	31	77.5	549	15	US-10-220-120-219	Sequence 219, App
33	31	77.5	785	16	US-10-437-963-139958	Sequence 139958,
34	31	77.5	949	16	US-10-437-963-184048	Sequence 184048,
35	30	75.0	159	15	US-10-425-114-53858	Sequence 53858, A
36	30	75.0	168	16	US-10-767-701-44894	Sequence 44894, A
37	30	75.0	172	16	US-10-437-963-167849	Sequence 167849,
38	30	75.0	249	15	US-10-369-493-4789	Sequence 4789, Ap
39	30	75.0	259	15	US-10-369-493-7549	Sequence 7549, Ap
40	30	75.0	416	15	US-10-389-647-630	Sequence 630, App
41	30	75.0	433	15	US-10-425-114-43439	Sequence 43439, A
42	30	75.0	437	16	US-10-437-963-134689	Sequence 134689,
43	30	75.0	479	16	US-10-437-963-105375	Sequence 105375,
44	30	75.0	485	15	US-10-282-122A-52587	Sequence 52587, A
45	30	75.0	990	11	US-09-764-875-774	Sequence 774, App
46	30	75.0	1101	16	US-10-437-963-106991	Sequence 106991,
47	30	75.0	1459	16	US-10-408-765A-2246	Sequence 2246, Ap
48	30	75.0	1681	15	US-10-398-885A-16	Sequence 16, Appl
49	29	72.5	64	15	US-10-424-599-237181	Sequence 237181,
50	29	72.5	74	16	US-10-767-701-59660	Sequence 59660, A
51	29	72.5	115	15	US-10-424-599-158077	Sequence 158077,
52	29	72.5	120	15	US-10-425-114-70083	Sequence 70083, A
53	29	72.5	138	15	US-10-424-599-272544	Sequence 272544,
54	29	72.5	174	9	US-09-927-602-11	Sequence 11, Appl
55	29	72.5	180	16	US-10-767-701-60307	Sequence 60307, A
56	29	72.5	193	16	US-10-437-963-169782	Sequence 169782,
57	29	72.5	213	15	US-10-424-599-158076	Sequence 158076,
58	29	72.5	298	15	US-10-282-122A-65140	Sequence 65140, A
59	29	72.5	298	15	US-10-282-122A-66105	Sequence 66105, A
60	29	72.5	326	16	US-10-437-963-151899	Sequence 151899,
61	29	72.5	376	16	US-10-437-963-122802	Sequence 122802,
62	29	72.5	401	15	US-10-282-122A-47914	Sequence 47914, A
63	29	72.5	435	10	US-09-825-751A-14	Sequence 14, Appl
64	29	72.5	479	13	US-10-087-192-126	Sequence 126, App
65	29	72.5	481	13	US-10-087-192-123	Sequence 123, App
66	29	72.5	483	15	US-10-282-122A-67576	Sequence 67576, A
67	29	72.5	486	15	US-10-282-122A-43179	Sequence 43179, A
68	29	72.5	490	16	US-10-437-963-128517	Sequence 128517,
69	29	72.5	496	16	US-10-437-963-182682	Sequence 182682,
70	29	72.5	524	15	US-10-369-493-8241	Sequence 8241, Ap
71	29	72.5	549	16	US-10-437-963-179210	Sequence 179210,
72	29	72.5	567	9	US-09-815-242-11885	Sequence 11885, A
73	29	72.5	567	15	US-10-282-122A-66420	Sequence 66420, A
74	29	72.5	570	16	US-10-437-963-188759	Sequence 188759,
75	29	72.5	574	16	US-10-437-963-181101	Sequence 181101,
76	29	72.5	581	15	US-10-282-122A-66524	Sequence 66524, A
77	29	72.5	598	16	US-10-437-963-138174	Sequence 138174,
78	29	72.5	603	16	US-10-437-963-169783	Sequence 169783,
79	29	72.5	633	15	US-10-282-122A-54071	Sequence 54071, A
80	29	72.5	650	16	US-10-437-963-128508	Sequence 128508,
81	29	72.5	711	16	US-10-437-963-138088	Sequence 138088,
82	29	72.5	735	15	US-10-282-122A-61204	Sequence 61204, A
83	29	72.5	756	16	US-10-437-963-175575	Sequence 175575,
84	29	72.5	857	16	US-10-437-963-110462	Sequence 110462,
85	29	72.5	1040	16	US-10-437-963-162180	Sequence 162180,
86	29	72.5	1047	16	US-10-437-963-138135	Sequence 138135,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 15.1755 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-21
Perfect score: 40
Sequence: 1 VKALRVRRL 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	40	100.0	9	1	US-08-097-830E-21	Sequence 21, Appl
2	40	100.0	9	2	US-08-456-112B-21	Sequence 21, Appl
3	40	100.0	138	2	US-08-484-397A-15	Sequence 15, Appl
4	40	100.0	152	2	US-08-484-397A-9	Sequence 9, Appli
5	40	100.0	152	2	US-08-484-397A-10	Sequence 10, Appl
6	40	100.0	152	2	US-08-484-397A-11	Sequence 11, Appl
7	40	100.0	152	2	US-08-484-397A-12	Sequence 12, Appl
8	40	100.0	152	2	US-08-484-397A-13	Sequence 13, Appl
9	40	100.0	152	2	US-08-484-397A-14	Sequence 14, Appl
10	40	100.0	334	2	US-08-484-397A-8	Sequence 8, Appli
11	40	100.0	348	1	US-08-366-953A-45	Sequence 45, Appl
12	40	100.0	348	2	US-08-484-397A-2	Sequence 2, Appli
13	40	100.0	348	2	US-08-484-397A-3	Sequence 3, Appli
14	40	100.0	348	2	US-08-484-397A-4	Sequence 4, Appli
15	40	100.0	348	2	US-08-484-397A-5	Sequence 5, Appli
16	40	100.0	348	2	US-08-484-397A-6	Sequence 6, Appli
17	40	100.0	348	2	US-08-484-397A-7	Sequence 7, Appli
18	40	100.0	348	2	US-08-484-397A-27	Sequence 27, Appl
19	40	100.0	348	2	US-08-484-397A-38	Sequence 38, Appl
20	40	100.0	375	1	US-08-205-719-2	Sequence 2, Appli
21	40	100.0	375	3	US-08-746-883-5	Sequence 5, Appli
22	40	100.0	375	4	US-09-313-177-5	Sequence 5, Appli
23	39	97.5	373	3	US-08-746-883-4	Sequence 4, Appli
24	39	97.5	373	4	US-09-313-177-4	Sequence 4, Appli
25	34	85.0	125	4	US-09-252-991A-25564	Sequence 25564, A
26	33	82.5	193	4	US-09-252-991A-28415	Sequence 28415, A
27	33	82.5	461	1	US-07-796-361A-13	Sequence 13, Appl
28	33	82.5	462	1	US-07-612-673-4	Sequence 4, Appli
29	33	82.5	462	1	US-08-539-666-4	Sequence 4, Appli
30	33	82.5	1219	4	US-09-252-991A-28840	Sequence 28840, A
31	32	80.0	777	4	US-09-949-016-7158	Sequence 7158, Ap
32	32	80.0	1439	2	US-08-449-644-2	Sequence 2, Appli
33	32	80.0	1439	2	US-08-087-244A-2	Sequence 2, Appli
34	32	80.0	1457	2	US-08-652-971-3	Sequence 3, Appli
35	32	80.0	1457	2	US-08-449-644-1	Sequence 1, Appli
36	32	80.0	1457	2	US-08-087-244A-1	Sequence 1, Appli
37	32	80.0	1457	2	US-08-991-258A-3	Sequence 3, Appli
38	32	80.0	1457	2	US-08-769-399-3	Sequence 3, Appli
39	32	80.0	1457	3	US-08-991-953A-3	Sequence 3, Appli
40	31	77.5	511	4	US-09-328-352-5220	Sequence 5220, Ap
41	30	75.0	403	3	US-08-822-774-19	Sequence 19, Appl
42	30	75.0	403	3	US-09-632-711-19	Sequence 19, Appl
43	30	75.0	403	3	US-09-632-703B-19	Sequence 19, Appl
44	30	75.0	403	4	US-09-632-702-19	Sequence 19, Appl
45	30	75.0	403	4	US-09-399-003-19	Sequence 19, Appl
46	30	75.0	547	4	US-09-252-991A-32044	Sequence 32044, A
47	30	75.0	558	4	US-09-902-540-11142	Sequence 11142, A
48	30	75.0	1246	4	US-09-252-991A-23140	Sequence 23140, A
49	30	75.0	1676	4	US-09-949-016-7610	Sequence 7610, Ap
50	30	75.0	2958	3	US-08-894-344C-2	Sequence 2, Appli
51	29	72.5	62	4	US-09-621-976-7602	Sequence 7602, Ap
52	29	72.5	84	4	US-09-513-999C-5596	Sequence 5596, Ap
53	29	72.5	256	4	US-09-270-767-35216	Sequence 35216, A
54	29	72.5	256	4	US-09-270-767-50433	Sequence 50433, A
55	29	72.5	338	4	US-09-902-540-16254	Sequence 16254, A
56	29	72.5	343	4	US-09-252-991A-19553	Sequence 19553, A
57	29	72.5	466	4	US-09-252-991A-31929	Sequence 31929, A
58	29	72.5	479	2	US-08-899-514-2	Sequence 2, Appli
59	29	72.5	508	4	US-09-902-540-12025	Sequence 12025, A
60	29	72.5	579	4	US-09-252-991A-30324	Sequence 30324, A
61	29	72.5	594	4	US-09-252-991A-26272	Sequence 26272, A
62	29	72.5	620	4	US-09-252-991A-21110	Sequence 21110, A
63	29	72.5	846	4	US-09-902-540-15310	Sequence 15310, A
64	28	70.0	136	4	US-09-252-991A-18112	Sequence 18112, A
65	28	70.0	142	4	US-09-252-991A-18333	Sequence 18333, A
66	28	70.0	142	4	US-09-270-767-32282	Sequence 32282, A
67	28	70.0	191	4	US-09-248-796A-16998	Sequence 16998, A
68	28	70.0	292	4	US-09-270-767-33808	Sequence 33808, A
69	28	70.0	297	4	US-09-248-796A-25364	Sequence 25364, A
70	28	70.0	299	4	US-10-311-582-2	Sequence 2, Appli
71	28	70.0	311	4	US-09-252-991A-28383	Sequence 28383, A
72	28	70.0	312	4	US-09-902-540-16271	Sequence 16271, A
73	28	70.0	397	4	US-09-252-991A-30059	Sequence 30059, A
74	28	70.0	467	3	US-09-306-595C-6	Sequence 6, Appli
75	28	70.0	467	4	US-09-925-388-6	Sequence 6, Appli
76	28	70.0	504	4	US-09-252-991A-23374	Sequence 23374, A
77	28	70.0	510	4	US-09-134-000C-5774	Sequence 5774, Ap
78	28	70.0	514	4	US-09-252-991A-31238	Sequence 31238, A
79	28	70.0	566	4	US-09-902-540-15762	Sequence 15762, A
80	28	70.0	645	4	US-09-543-681A-7757	Sequence 7757, Ap
81	28	70.0	756	4	US-09-919-497-66	Sequence 66, Appl
82	28	70.0	764	4	US-09-902-540-14495	Sequence 14495, A
83	28	70.0	776	4	US-09-949-016-7231	Sequence 7231, Ap
84	28	70.0	808	4	US-09-270-767-62346	Sequence 62346, A
85	28	70.0	1019	4	US-09-434-066-23	Sequence 23, Appl
86	28	70.0	1098	4	US-09-252-991A-20186	Sequence 20186, A
87	28	70.0	1323	4	US-09-270-767-46728	Sequence 46728, A
88	28	70.0	1653	4	US-09-107-433-4155	Sequence 4155, Ap
89	28	70.0	2257	4	US-09-839-477-8	Sequence 8, Appli
90	28	70.0	2867	4	US-09-902-540-12593	Sequence 12593, A
91	27	67.5	60	4	US-09-732-210-879	Sequence 879, App
92	27	67.5	72	4	US-09-621-976-6257	Sequence 6257, Ap
93	27	67.5	77	4	US-09-248-796A-26197	Sequence 26197, A
94	27	67.5	81	1	US-08-259-672-8	Sequence 8, Appli
95	27	67.5	81	1	US-08-459-351-8	Sequence 8, Appli
96	27	67.5	81	1	US-08-460-533-8	Sequence 8, Appli
97	27	67.5	81	5	PCT-US94-06654-8	Sequence 8, Appli
98	27	67.5	99	1	US-08-259-672-7	Sequence 7, Appli
99	27	67.5	99	1	US-08-459-351-7	Sequence 7, Appli
100	27	67.5	99	1	US-08-460-533-7	Sequence 7, Appli

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-19
Perfect score: 62
Sequence: 1 CKKKKFFFFC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	62	100.0	10	9	US-09-124-280A-19	Sequence 19, Appl
2	50	80.6	93	15	US-10-424-599-232634	Sequence 232634,
3	48	77.4	120	15	US-10-424-599-270923	Sequence 270923,
4	44	71.0	23	15	US-10-176-419A-2	Sequence 2, Appli
5	44	71.0	67	16	US-10-437-963-192982	Sequence 192982,
6	44	71.0	121	16	US-10-437-963-116634	Sequence 116634,
7	44	71.0	128	16	US-10-437-963-189194	Sequence 189194,
8	42	67.7	48	15	US-10-424-599-251375	Sequence 251375,
9	42	67.7	72	16	US-10-437-963-190801	Sequence 190801,
10	42	67.7	91	15	US-10-424-599-252891	Sequence 252891,
11	42	67.7	136	15	US-10-424-599-254075	Sequence 254075,
12	41	66.1	64	15	US-10-424-599-252365	Sequence 252365,
13	41	66.1	71	15	US-10-424-599-245989	Sequence 245989,
14	41	66.1	73	15	US-10-424-599-209175	Sequence 209175,
15	41	66.1	90	15	US-10-424-599-166534	Sequence 166534,
16	41	66.1	293	16	US-10-451-467A-524	Sequence 524, App
17	41	66.1	293	17	US-10-741-849-7156	Sequence 7156, Ap
18	41	66.1	352	8	US-08-979-847-118	Sequence 118, App
19	41	66.1	352	14	US-10-114-104-118	Sequence 118, App
20	41	66.1	363	15	US-10-632-793-31	Sequence 31, Appl
21	41	66.1	378	8	US-08-979-847-122	Sequence 122, App
22	41	66.1	378	14	US-10-114-104-122	Sequence 122, App
23	41	66.1	393	15	US-10-632-793-11	Sequence 11, Appl
24	41	66.1	398	8	US-08-979-847-121	Sequence 121, App
25	41	66.1	398	14	US-10-114-104-121	Sequence 121, App
26	41	66.1	409	15	US-10-632-793-10	Sequence 10, Appl
27	41	66.1	420	15	US-10-637-565-15	Sequence 15, Appl
28	41	66.1	926	16	US-10-437-963-179451	Sequence 179451,
29	40	64.5	45	16	US-10-437-963-139479	Sequence 139479,
30	40	64.5	52	15	US-10-424-599-264645	Sequence 264645,
31	40	64.5	113	10	US-09-374-046A-146	Sequence 146, App
32	40	64.5	113	15	US-10-616-263-146	Sequence 146, App
33	40	64.5	488	16	US-10-437-963-163387	Sequence 163387,
34	40	64.5	490	16	US-10-767-701-45642	Sequence 45642, A
35	39.5	63.7	135	15	US-10-424-599-204785	Sequence 204785,
36	39	62.9	18	10	US-09-747-802-65	Sequence 65, Appl
37	39	62.9	18	10	US-09-865-294-58	Sequence 58, Appl
38	39	62.9	18	16	US-10-789-619-65	Sequence 65, Appl
39	39	62.9	44	15	US-10-424-599-187048	Sequence 187048,
40	39	62.9	47	15	US-10-424-599-271690	Sequence 271690,
41	39	62.9	51	15	US-10-424-599-246406	Sequence 246406,
42	39	62.9	51	15	US-10-424-599-271256	Sequence 271256,
43	39	62.9	56	15	US-10-424-599-161136	Sequence 161136,
44	39	62.9	56	15	US-10-424-599-227695	Sequence 227695,
45	39	62.9	57	15	US-10-424-599-236855	Sequence 236855,
46	39	62.9	62	16	US-10-437-963-176026	Sequence 176026,
47	39	62.9	86	10	US-09-895-298-104	Sequence 104, App
48	39	62.9	86	15	US-10-424-599-148965	Sequence 148965,
49	39	62.9	90	15	US-10-424-599-205963	Sequence 205963,
50	39	62.9	91	15	US-10-424-599-221788	Sequence 221788,
51	39	62.9	102	15	US-10-424-599-176698	Sequence 176698,
52	39	62.9	110	16	US-10-437-963-132472	Sequence 132472,
53	39	62.9	114	15	US-10-424-599-193220	Sequence 193220,
54	39	62.9	134	15	US-10-424-599-153560	Sequence 153560,
55	39	62.9	162	15	US-10-412-699B-908	Sequence 908, App
56	38	61.3	29	11	US-09-725-945-3	Sequence 3, Appli
57	38	61.3	45	16	US-10-767-701-47266	Sequence 47266, A
58	38	61.3	50	15	US-10-424-599-239261	Sequence 239261,
59	38	61.3	54	15	US-10-424-599-196936	Sequence 196936,
60	38	61.3	55	16	US-10-437-963-163741	Sequence 163741,
61	38	61.3	58	16	US-10-437-963-193685	Sequence 193685,
62	38	61.3	61	15	US-10-424-599-218138	Sequence 218138,
63	38	61.3	74	16	US-10-437-963-187385	Sequence 187385,
64	38	61.3	75	15	US-10-424-599-264110	Sequence 264110,
65	38	61.3	79	15	US-10-424-599-153796	Sequence 153796,
66	38	61.3	92	16	US-10-437-963-131043	Sequence 131043,
67	38	61.3	95	15	US-10-424-599-247546	Sequence 247546,
68	38	61.3	97	16	US-10-437-963-166010	Sequence 166010,
69	38	61.3	103	15	US-10-424-599-151542	Sequence 151542,
70	38	61.3	103	15	US-10-424-599-179909	Sequence 179909,
71	38	61.3	105	15	US-10-424-599-166273	Sequence 166273,
72	38	61.3	109	15	US-10-424-599-178342	Sequence 178342,
73	38	61.3	109	15	US-10-424-599-253674	Sequence 253674,
74	38	61.3	110	15	US-10-424-599-187427	Sequence 187427,
75	38	61.3	111	15	US-10-424-599-192883	Sequence 192883,
76	38	61.3	116	15	US-10-424-599-187806	Sequence 187806,
77	38	61.3	116	16	US-10-437-963-115875	Sequence 115875,
78	38	61.3	125	16	US-10-437-963-170817	Sequence 170817,
79	38	61.3	126	15	US-10-424-599-207652	Sequence 207652,
80	38	61.3	126	15	US-10-424-599-234289	Sequence 234289,
81	38	61.3	139	15	US-10-424-599-162355	Sequence 162355,
82	38	61.3	139	16	US-10-437-963-117511	Sequence 117511,
83	38	61.3	139	16	US-10-767-701-42048	Sequence 42048, A
84	38	61.3	156	15	US-10-424-599-221095	Sequence 221095,
85	38	61.3	172	15	US-10-424-599-177986	Sequence 177986,
86	38	61.3	217	15	US-10-424-599-246489	Sequence 246489,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-19
Perfect score: 62
Sequence: 1 CKKKKFFFFC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	62	100.0	10	1	US-08-097-830E-19	Sequence 19, Appl
2	62	100.0	10	2	US-08-456-112B-19	Sequence 19, Appl
3	45	72.6	62	4	US-09-248-796A-27137	Sequence 27137, A
4	42	67.7	140	4	US-09-270-767-33984	Sequence 33984, A
5	42	67.7	140	4	US-09-270-767-49201	Sequence 49201, A
6	41	66.1	352	4	US-08-979-847B-118	Sequence 118, App
7	41	66.1	378	4	US-08-979-847B-122	Sequence 122, App
8	41	66.1	398	4	US-08-979-847B-121	Sequence 121, App
9	39	62.9	18	3	US-09-100-414B-29	Sequence 29, Appl
10	39	62.9	18	3	US-09-303-323-29	Sequence 29, Appl
11	39	62.9	18	4	US-09-770-014-29	Sequence 29, Appl
12	39	62.9	18	4	US-09-701-588C-29	Sequence 29, Appl
13	39	62.9	18	4	US-09-747-802-65	Sequence 65, Appl
14	39	62.9	30	3	US-09-100-414B-69	Sequence 69, Appl
15	39	62.9	30	3	US-09-303-323-69	Sequence 69, Appl
16	39	62.9	30	4	US-09-770-014-69	Sequence 69, Appl
17	39	62.9	30	4	US-09-701-588C-69	Sequence 69, Appl
18	39	62.9	268	4	US-09-270-767-41047	Sequence 41047, A
19	39	62.9	268	4	US-09-270-767-56263	Sequence 56263, A
20	38	61.3	29	4	US-09-725-945-3	Sequence 3, Appli
21	38	61.3	84	4	US-09-270-767-60733	Sequence 60733, A
22	38	61.3	148	4	US-09-270-767-60152	Sequence 60152, A
23	38	61.3	156	4	US-09-270-767-45241	Sequence 45241, A
24	38	61.3	178	4	US-09-270-767-61562	Sequence 61562, A
25	38	61.3	204	4	US-09-248-796A-15676	Sequence 15676, A
26	38	61.3	329	4	US-09-270-767-44698	Sequence 44698, A
27	38	61.3	394	4	US-09-270-767-41074	Sequence 41074, A
28	38	61.3	394	4	US-09-270-767-56290	Sequence 56290, A
29	38	61.3	418	4	US-09-725-945-1	Sequence 1, Appli
30	38	61.3	638	4	US-09-270-767-46019	Sequence 46019, A
31	37	59.7	65	4	US-09-248-796A-25269	Sequence 25269, A
32	37	59.7	78	4	US-09-248-796A-27340	Sequence 27340, A
33	37	59.7	85	4	US-09-134-000C-3459	Sequence 3459, Ap
34	37	59.7	88	4	US-09-248-796A-27884	Sequence 27884, A
35	37	59.7	523	4	US-09-555-889A-2	Sequence 2, Appli
36	36.5	58.9	348	4	US-09-248-796A-20983	Sequence 20983, A
37	36	58.1	30	3	US-08-974-549A-140	Sequence 140, App
38	36	58.1	30	4	US-09-402-181B-140	Sequence 140, App
39	36	58.1	30	4	US-09-721-456-140	Sequence 140, App
40	36	58.1	68	4	US-09-248-796A-26702	Sequence 26702, A
41	36	58.1	73	4	US-09-248-796A-22401	Sequence 22401, A
42	36	58.1	89	4	US-09-248-796A-27426	Sequence 27426, A
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46	36	58.1	174	4	US-09-270-767-36740	Sequence 36740, A
47	36	58.1	174	4	US-09-270-767-51957	Sequence 51957, A
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49	36	58.1	180	4	US-09-270-767-53322	Sequence 53322, A
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51	36	58.1	249	4	US-09-248-796A-17932	Sequence 17932, A
52	36	58.1	368	4	US-09-198-452A-635	Sequence 635, App
53	36	58.1	368	4	US-09-438-185A-595	Sequence 595, App
54	36	58.1	399	4	US-09-248-796A-19835	Sequence 19835, A
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56	36	58.1	552	3	US-08-854-050-4	Sequence 4, Appli
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58	36	58.1	552	4	US-09-766-253-4	Sequence 4, Appli
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65	35	56.5	66	4	US-09-248-796A-26828	Sequence 26828, A
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67	35	56.5	92	4	US-09-248-796A-25181	Sequence 25181, A
68	35	56.5	100	4	US-09-248-796A-21060	Sequence 21060, A
69	35	56.5	143	4	US-09-270-767-44294	Sequence 44294, A
70	35	56.5	160	4	US-09-270-767-42225	Sequence 42225, A
71	35	56.5	162	4	US-09-270-767-57842	Sequence 57842, A
72	35	56.5	185	4	US-09-270-767-42540	Sequence 42540, A
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95	34	54.8	248	2	US-08-471-717-4	Sequence 4, Appli
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-18
Perfect score: 60
Sequence: 1 KCKFKKFKCK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	40	66.7	179	16	US-10-437-963-188183	Sequence 188183,
6	40	66.7	185	16	US-10-437-963-115253	Sequence 115253,
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9	38	63.3	70	15	US-10-424-599-203514	Sequence 203514,
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12	38	63.3	409	9	US-09-764-853-798	Sequence 798, App
13	38	63.3	427	9	US-09-908-711-76	Sequence 76, Appl
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15	38	63.3	434	11	US-09-764-875-827	Sequence 827, App
16	38	63.3	446	10	US-09-796-753-88	Sequence 88, Appl
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21	38	63.3	830	17	US-10-741-849-7088	Sequence 7088, Ap
22	38	63.3	1146	9	US-09-994-485-6	Sequence 6, Appli
23	38	63.3	1146	9	US-09-832-292-10	Sequence 10, Appl
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40	36	60.0	236	14	US-10-330-372-3	Sequence 3, Appli
41	36	60.0	236	15	US-10-400-991-61	Sequence 61, Appl
42	36	60.0	236	15	US-10-295-027-222	Sequence 222, App
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46	36	60.0	517	15	US-10-425-114-38947	Sequence 38947, A
47	36	60.0	682	15	US-10-424-599-285322	Sequence 285322,
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51	35	58.3	15	14	US-10-293-983-16	Sequence 16, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

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Perfect score: 60
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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10	37	61.7	68	4	US-09-489-039A-9025	Sequence 9025, Ap
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84	33	55.0	118	4	US-09-248-796A-26083	Sequence 26083, A
85	33	55.0	137	4	US-09-270-767-32781	Sequence 32781, A
86	33	55.0	137	4	US-09-270-767-47998	Sequence 47998, A
87	33	55.0	192	4	US-09-248-796A-18752	Sequence 18752, A
88	33	55.0	261	1	US-07-971-096-2	Sequence 2, Appli
89	33	55.0	261	1	US-08-175-096-2	Sequence 2, Appli
90	33	55.0	262	4	US-09-270-767-41035	Sequence 41035, A
91	33	55.0	262	4	US-09-270-767-56251	Sequence 56251, A
92	33	55.0	333	1	US-08-436-463-6	Sequence 6, Appli
93	33	55.0	333	1	US-08-024-253-6	Sequence 6, Appli
94	33	55.0	362	4	US-09-291-299A-6	Sequence 6, Appli
95	33	55.0	470	4	US-09-291-299A-1	Sequence 1, Appli
96	33	55.0	474	4	US-09-270-767-43892	Sequence 43892, A
97	33	55.0	476	4	US-09-291-299A-3	Sequence 3, Appli
98	33	55.0	498	4	US-09-248-796A-20921	Sequence 20921, A
99	33	55.0	534	4	US-09-248-796A-19568	Sequence 19568, A
100	33	55.0	621	4	US-09-248-796A-18751	Sequence 18751, A

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-17
Perfect score: 59
Sequence: 1 RTRCRFKRRC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	59	100.0	10	9	US-09-124-280A-17	Sequence 17, Appl
2	43	72.9	453	16	US-10-437-963-202716	Sequence 202716,
3	42	71.2	121	16	US-10-767-701-47653	Sequence 47653, A
4	40	67.8	99	16	US-10-437-963-127665	Sequence 127665,
5	40	67.8	282	16	US-10-437-963-108435	Sequence 108435,
6	39	66.1	95	16	US-10-767-701-47798	Sequence 47798, A
7	39	66.1	105	16	US-10-437-963-185808	Sequence 185808,
8	39	66.1	111	16	US-10-437-963-119890	Sequence 119890,
9	39	66.1	125	16	US-10-437-963-142630	Sequence 142630,
10	39	66.1	146	16	US-10-437-963-107023	Sequence 107023,
11	39	66.1	2068	16	US-10-437-963-106878	Sequence 106878,
12	39	66.1	19608	15	US-10-084-846A-8	Sequence 8, Appli
13	38	64.4	41	9	US-09-864-761-33583	Sequence 33583, A
14	38	64.4	50	16	US-10-437-963-158814	Sequence 158814,
15	38	64.4	191	15	US-10-424-599-247454	Sequence 247454,
16	38	64.4	202	16	US-10-437-963-108985	Sequence 108985,
17	38	64.4	216	15	US-10-425-114-71383	Sequence 71383, A
18	38	64.4	278	15	US-10-425-114-61229	Sequence 61229, A
19	37	62.7	10	9	US-09-124-280A-31	Sequence 31, Appl
20	37	62.7	11	9	US-09-124-280A-35	Sequence 35, Appl
21	37	62.7	13	15	US-10-451-795-10	Sequence 10, Appl
22	37	62.7	14	15	US-10-451-795-8	Sequence 8, Appli
23	37	62.7	17	15	US-10-451-795-9	Sequence 9, Appli
24	37	62.7	82	16	US-10-437-963-105539	Sequence 105539,
25	37	62.7	98	16	US-10-437-963-163542	Sequence 163542,
26	37	62.7	106	16	US-10-437-963-195263	Sequence 195263,
27	37	62.7	115	9	US-09-939-980-508	Sequence 508, App
28	37	62.7	134	15	US-10-425-114-52201	Sequence 52201, A
29	37	62.7	149	16	US-10-437-963-165552	Sequence 165552,
30	37	62.7	212	16	US-10-437-963-198768	Sequence 198768,
31	37	62.7	380	16	US-10-437-963-163328	Sequence 163328,
32	37	62.7	447	15	US-10-425-114-55954	Sequence 55954, A
33	37	62.7	465	15	US-10-114-270-192	Sequence 192, App
34	37	62.7	568	15	US-10-369-493-14402	Sequence 14402, A
35	37	62.7	568	15	US-10-369-493-14771	Sequence 14771, A
36	37	62.7	669	15	US-10-424-599-189011	Sequence 189011,
37	37	62.7	741	16	US-10-437-963-118054	Sequence 118054,
38	37	62.7	821	16	US-10-437-963-121124	Sequence 121124,
39	36	61.0	58	15	US-10-424-599-228645	Sequence 228645,
40	36	61.0	78	16	US-10-437-963-201299	Sequence 201299,
41	36	61.0	79	15	US-10-424-599-197522	Sequence 197522,
42	36	61.0	79	16	US-10-437-963-170358	Sequence 170358,
43	36	61.0	89	16	US-10-437-963-120788	Sequence 120788,
44	36	61.0	110	11	US-09-864-408A-3360	Sequence 3360, Ap
45	36	61.0	126	16	US-10-767-701-33926	Sequence 33926, A
46	36	61.0	169	16	US-10-437-963-112055	Sequence 112055,
47	36	61.0	189	16	US-10-437-963-112056	Sequence 112056,
48	36	61.0	210	9	US-09-764-846-206	Sequence 206, App
49	36	61.0	210	14	US-10-091-483-206	Sequence 206, App
50	36	61.0	232	15	US-10-425-114-60150	Sequence 60150, A
51	36	61.0	304	15	US-10-282-122A-76052	Sequence 76052, A
52	36	61.0	381	14	US-10-184-832-2	Sequence 2, Appli
53	36	61.0	383	15	US-10-425-114-55121	Sequence 55121, A
54	36	61.0	424	17	US-10-770-600-16	Sequence 16, Appl
55	36	61.0	424	17	US-10-770-600-17	Sequence 17, Appl
56	36	61.0	424	17	US-10-770-600-18	Sequence 18, Appl
57	36	61.0	470	16	US-10-437-963-139435	Sequence 139435,
58	36	61.0	479	16	US-10-408-765A-2470	Sequence 2470, Ap
59	36	61.0	511	15	US-10-221-625-99	Sequence 99, Appl
60	36	61.0	531	15	US-10-363-616-388	Sequence 388, App
61	36	61.0	536	15	US-10-424-599-143634	Sequence 143634,
62	36	61.0	826	15	US-10-126-103-131	Sequence 131, App
63	36	61.0	826	15	US-10-431-096-131	Sequence 131, App
64	36	61.0	872	15	US-10-282-122A-54012	Sequence 54012, A
65	36	61.0	1116	16	US-10-332-284A-2	Sequence 2, Appli
66	36	61.0	1116	16	US-10-332-284A-6	Sequence 6, Appli
67	36	61.0	1616	16	US-10-332-284A-4	Sequence 4, Appli
68	36	61.0	1616	16	US-10-332-284A-8	Sequence 8, Appli
69	36	61.0	2050	16	US-10-437-963-107633	Sequence 107633,
70	35.5	60.2	47	14	US-10-178-213-315	Sequence 315, App
71	35.5	60.2	47	14	US-10-178-213-327	Sequence 327, App
72	35.5	60.2	47	14	US-10-178-213-333	Sequence 333, App
73	35.5	60.2	47	14	US-10-178-213-362	Sequence 362, App
74	35.5	60.2	47	14	US-10-178-213-363	Sequence 363, App
75	35.5	60.2	47	14	US-10-178-213-399	Sequence 399, App
76	35.5	60.2	47	14	US-10-178-213-402	Sequence 402, App
77	35.5	60.2	47	14	US-10-178-213-429	Sequence 429, App
78	35.5	60.2	48	14	US-10-178-213-405	Sequence 405, App
79	35.5	60.2	75	14	US-10-178-213-401	Sequence 401, App
80	35.5	60.2	76	14	US-10-178-213-404	Sequence 404, App
81	35.5	60.2	76	14	US-10-178-213-428	Sequence 428, App
82	35.5	60.2	77	14	US-10-178-213-398	Sequence 398, App
83	35.5	60.2	78	14	US-10-178-213-314	Sequence 314, App
84	35.5	60.2	79	14	US-10-178-213-326	Sequence 326, App
85	35.5	60.2	79	14	US-10-178-213-332	Sequence 332, App
86	35.5	60.2	178	16	US-10-437-963-178547	Sequence 178547,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-17
Perfect score: 59
Sequence: 1 RTRCRFKRRC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	59	100.0	10	1	US-08-097-830E-17	Sequence 17, Appl
2	59	100.0	10	2	US-08-456-112B-17	Sequence 17, Appl
3	41	69.5	185	4	US-09-252-991A-30940	Sequence 30940, A
4	39	66.1	128	4	US-09-248-796A-27972	Sequence 27972, A
5	39	66.1	342	4	US-09-252-991A-32031	Sequence 32031, A
6	38	64.4	160	4	US-09-270-767-45604	Sequence 45604, A
7	38	64.4	209	4	US-09-252-991A-21363	Sequence 21363, A
8	38	64.4	446	4	US-09-252-991A-31114	Sequence 31114, A
9	37.5	63.6	236	4	US-09-248-796A-19564	Sequence 19564, A
10	37	62.7	10	1	US-08-049-871-2	Sequence 2, Appli
11	37	62.7	10	1	US-07-819-893-2	Sequence 2, Appli
12	37	62.7	10	1	US-08-280-397-2	Sequence 2, Appli
13	37	62.7	10	1	US-08-218-026-49	Sequence 49, Appl
14	37	62.7	10	2	US-08-653-632-49	Sequence 49, Appl
15	37	62.7	10	2	US-08-456-112B-31	Sequence 31, Appl
16	37	62.7	11	1	US-08-049-871-6	Sequence 6, Appli
17	37	62.7	11	1	US-07-819-893-6	Sequence 6, Appli
18	37	62.7	11	1	US-08-280-397-6	Sequence 6, Appli
19	37	62.7	11	1	US-08-218-026-50	Sequence 50, Appl
20	37	62.7	11	2	US-08-653-632-50	Sequence 50, Appl
21	37	62.7	11	2	US-08-456-112B-35	Sequence 35, Appl
22	37	62.7	83	4	US-09-489-039A-10524	Sequence 10524, A
23	37	62.7	115	3	US-08-936-165A-508	Sequence 508, App
24	37	62.7	142	4	US-09-489-039A-9237	Sequence 9237, Ap
25	37	62.7	863	4	US-09-252-991A-21831	Sequence 21831, A
26	36	61.0	109	4	US-09-270-767-41290	Sequence 41290, A
27	36	61.0	109	4	US-09-270-767-56506	Sequence 56506, A
28	36	61.0	124	4	US-09-270-767-48315	Sequence 48315, A
29	36	61.0	161	4	US-09-252-991A-17199	Sequence 17199, A
30	36	61.0	172	4	US-09-252-991A-23710	Sequence 23710, A
31	36	61.0	193	4	US-09-270-767-33468	Sequence 33468, A
32	36	61.0	215	4	US-09-252-991A-19924	Sequence 19924, A
33	36	61.0	362	4	US-09-252-991A-31349	Sequence 31349, A
34	36	61.0	406	4	US-09-252-991A-24973	Sequence 24973, A
35	36	61.0	418	4	US-09-252-991A-29452	Sequence 29452, A
36	36	61.0	470	4	US-09-270-767-61004	Sequence 61004, A
37	36	61.0	601	4	US-09-270-767-45496	Sequence 45496, A
38	36	61.0	701	4	US-09-252-991A-27999	Sequence 27999, A
39	35	59.3	32	1	US-08-158-189-31	Sequence 31, Appl
40	35	59.3	32	2	US-08-491-204A-15	Sequence 15, Appl
41	35	59.3	32	4	US-09-030-619-193	Sequence 193, App
42	35	59.3	32	4	US-09-917-340-48	Sequence 48, Appl
43	35	59.3	100	4	US-09-732-210-1168	Sequence 1168, Ap
44	35	59.3	124	4	US-09-513-999C-6283	Sequence 6283, Ap
45	35	59.3	133	4	US-09-489-039A-13908	Sequence 13908, A
46	35	59.3	135	4	US-09-252-991A-22995	Sequence 22995, A
47	35	59.3	269	4	US-09-252-991A-26344	Sequence 26344, A
48	35	59.3	294	4	US-09-252-991A-24096	Sequence 24096, A
49	35	59.3	315	4	US-09-252-991A-28016	Sequence 28016, A
50	35	59.3	395	4	US-09-252-991A-31378	Sequence 31378, A
51	35	59.3	451	4	US-09-252-991A-29903	Sequence 29903, A
52	35	59.3	455	3	US-09-038-217A-18	Sequence 18, Appl
53	35	59.3	455	4	US-09-447-034-18	Sequence 18, Appl
54	35	59.3	465	3	US-08-927-219-79	Sequence 79, Appl
55	35	59.3	471	4	US-09-949-016-10293	Sequence 10293, A
56	35	59.3	516	3	US-08-927-219-140	Sequence 140, App
57	35	59.3	567	3	US-08-927-219-131	Sequence 131, App
58	34	57.6	73	4	US-09-270-767-39674	Sequence 39674, A
59	34	57.6	73	4	US-09-270-767-54891	Sequence 54891, A
60	34	57.6	109	4	US-09-252-991A-22787	Sequence 22787, A
61	34	57.6	111	4	US-09-893-737-122	Sequence 122, App
62	34	57.6	142	4	US-09-252-991A-26738	Sequence 26738, A
63	34	57.6	151	4	US-09-270-767-37857	Sequence 37857, A
64	34	57.6	151	4	US-09-270-767-53074	Sequence 53074, A
65	34	57.6	161	4	US-09-252-991A-17843	Sequence 17843, A
66	34	57.6	165	4	US-09-252-991A-20304	Sequence 20304, A
67	34	57.6	168	4	US-09-252-991A-29614	Sequence 29614, A
68	34	57.6	196	4	US-09-252-991A-26368	Sequence 26368, A
69	34	57.6	208	4	US-09-252-991A-29277	Sequence 29277, A
70	34	57.6	218	4	US-09-949-016-8395	Sequence 8395, Ap
71	34	57.6	271	4	US-09-252-991A-26235	Sequence 26235, A
72	34	57.6	301	2	US-08-656-906-25	Sequence 25, Appl
73	34	57.6	301	3	US-09-217-847-25	Sequence 25, Appl
74	34	57.6	322	4	US-09-252-991A-31782	Sequence 31782, A
75	34	57.6	469	4	US-09-252-991A-32910	Sequence 32910, A
76	34	57.6	499	3	US-09-336-643A-8	Sequence 8, Appli
77	34	57.6	551	4	US-09-252-991A-23694	Sequence 23694, A
78	34	57.6	639	4	US-09-252-991A-25570	Sequence 25570, A
79	34	57.6	714	4	US-09-252-991A-29806	Sequence 29806, A
80	34	57.6	793	4	US-09-270-767-36730	Sequence 36730, A
81	34	57.6	793	4	US-09-270-767-51947	Sequence 51947, A
82	34	57.6	976	4	US-09-538-092-1027	Sequence 1027, Ap
83	33.5	56.8	348	4	US-09-252-991A-19087	Sequence 19087, A
84	33	55.9	10	1	US-08-472-219-1	Sequence 1, Appli
85	33	55.9	93	4	US-09-640-211A-975	Sequence 975, App
86	33	55.9	101	3	US-09-199-637A-289	Sequence 289, App
87	33	55.9	106	4	US-08-469-260A-253	Sequence 253, App
88	33	55.9	106	4	US-08-488-446-253	Sequence 253, App
89	33	55.9	106	4	US-08-467-344A-253	Sequence 253, App
90	33	55.9	106	4	US-08-424-550B-253	Sequence 253, App
91	33	55.9	129	4	US-10-101-464A-828	Sequence 828, App
92	33	55.9	134	4	US-09-252-991A-16959	Sequence 16959, A
93	33	55.9	135	4	US-09-252-991A-22336	Sequence 22336, A
94	33	55.9	146	4	US-09-339-614-2	Sequence 2, Appli
95	33	55.9	154	4	US-09-252-991A-16646	Sequence 16646, A
96	33	55.9	167	4	US-09-252-991A-17526	Sequence 17526, A
97	33	55.9	202	4	US-09-949-016-10231	Sequence 10231, A
98	33	55.9	205	4	US-09-270-767-45622	Sequence 45622, A
99	33	55.9	258	4	US-09-252-991A-28812	Sequence 28812, A
100	33	55.9	265	4	US-08-469-260A-74	Sequence 74, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-16
Perfect score: 55
Sequence: 1 KLKCKLKLKC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	9	US-09-124-280A-16	Sequence 16, Appl
2	43	78.2	10	9	US-09-124-280A-15	Sequence 15, Appl
3	40	72.7	11	9	US-09-124-280A-13	Sequence 13, Appl
4	39	70.9	385	16	US-10-437-963-111092	Sequence 111092,
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6	39	70.9	534	15	US-10-282-122A-64860	Sequence 64860, A
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8	38	69.1	975	16	US-10-437-963-186445	Sequence 186445,
9	37	67.3	76	15	US-10-424-599-254879	Sequence 254879,
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12	36	65.5	197	9	US-09-764-864-1097	Sequence 1097, Ap
13	36	65.5	526	15	US-10-282-122A-61611	Sequence 61611, A
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16	35	63.6	61	14	US-10-083-357-814	Sequence 814, App
17	35	63.6	77	9	US-09-925-299-950	Sequence 950, App
18	35	63.6	77	10	US-09-925-299-950	Sequence 950, App
19	35	63.6	77	14	US-10-106-698-5801	Sequence 5801, Ap
20	35	63.6	81	16	US-10-767-701-53475	Sequence 53475, A
21	35	63.6	127	15	US-10-425-114-67902	Sequence 67902, A
22	35	63.6	233	15	US-10-282-122A-77803	Sequence 77803, A
23	35	63.6	443	15	US-10-282-122A-52117	Sequence 52117, A
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32	35	63.6	547	14	US-10-237-535-40	Sequence 40, Appl
33	35	63.6	547	14	US-10-238-183-40	Sequence 40, Appl
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35	35	63.6	547	14	US-10-238-370-40	Sequence 40, Appl
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76	35	63.6	547	14	US-10-245-699-40	Sequence 40, Appl
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79	35	63.6	547	14	US-10-245-890-40	Sequence 40, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-16
Perfect score: 55
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	1	US-08-097-830E-16	Sequence 16, Appl
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4	43	78.2	10	2	US-08-456-112B-15	Sequence 15, Appl
5	42	76.4	355	4	US-09-270-767-37109	Sequence 37109, A
6	42	76.4	355	4	US-09-270-767-52326	Sequence 52326, A
7	40	72.7	11	2	US-08-456-112B-13	Sequence 13, Appl
8	37	67.3	20	4	US-09-615-153-5	Sequence 5, Appli
9	37	67.3	147	4	US-09-270-767-36427	Sequence 36427, A
10	37	67.3	147	4	US-09-270-767-51644	Sequence 51644, A
11	37	67.3	410	4	US-09-345-236B-112	Sequence 112, App
12	37	67.3	1377	2	US-08-308-818-4	Sequence 4, Appli
13	36	65.5	40	2	US-08-687-551-7	Sequence 7, Appli
14	36	65.5	104	4	US-09-248-796A-24528	Sequence 24528, A
15	36	65.5	391	2	US-08-644-034A-1	Sequence 1, Appli
16	36	65.5	442	4	US-09-248-796A-21400	Sequence 21400, A
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53	32	58.2	122	4	US-09-270-767-54632	Sequence 54632, A
54	32	58.2	137	4	US-09-270-767-61703	Sequence 61703, A
55	32	58.2	156	4	US-09-270-767-40593	Sequence 40593, A
56	32	58.2	156	4	US-09-270-767-55809	Sequence 55809, A
57	32	58.2	174	4	US-09-270-767-40521	Sequence 40521, A
58	32	58.2	174	4	US-09-270-767-55737	Sequence 55737, A
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61	32	58.2	189	4	US-09-438-185A-165	Sequence 165, App
62	32	58.2	193	4	US-09-270-767-43237	Sequence 43237, A
63	32	58.2	220	3	US-09-052-089A-4	Sequence 4, Appli
64	32	58.2	241	4	US-09-270-767-31646	Sequence 31646, A
65	32	58.2	243	4	US-09-248-796A-17173	Sequence 17173, A
66	32	58.2	259	4	US-09-949-016-9190	Sequence 9190, Ap
67	32	58.2	329	4	US-09-345-236B-110	Sequence 110, App
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72	32	58.2	489	3	US-08-369-822C-27	Sequence 27, Appl
73	32	58.2	489	3	US-08-582-776C-42	Sequence 42, Appl
74	32	58.2	489	3	US-08-434-831B-39	Sequence 39, Appl
75	32	58.2	503	4	US-09-562-737-70	Sequence 70, Appl
76	32	58.2	568	4	US-09-949-016-6719	Sequence 6719, Ap
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79	32	58.2	604	4	US-09-920-581-3	Sequence 3, Appli
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84	31	56.4	12	4	US-09-428-082B-519	Sequence 519, App
85	31	56.4	13	1	US-08-435-019-10	Sequence 10, Appl
86	31	56.4	16	1	US-08-435-019-17	Sequence 17, Appl
87	31	56.4	24	4	US-09-030-619-174	Sequence 174, App
88	31	56.4	26	1	US-08-296-898-1	Sequence 1, Appli
89	31	56.4	26	1	US-08-435-019-2	Sequence 2, Appli
90	31	56.4	27	2	US-08-505-486-70	Sequence 70, Appl
91	31	56.4	27	3	US-08-801-028-70	Sequence 70, Appl
92	31	56.4	27	3	US-09-340-154-70	Sequence 70, Appl
93	31	56.4	27	4	US-09-482-611B-70	Sequence 70, Appl
94	31	56.4	27	5	PCT-US95-09338-70	Sequence 70, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-15
Perfect score: 61
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	61	100.0	10	9	US-09-124-280A-15	Sequence 15, Appl
2	43	70.5	10	9	US-09-124-280A-16	Sequence 16, Appl
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38	39	63.9	453	10	US-09-978-757A-69	Sequence 69, Appl
39	39	63.9	453	10	US-09-978-187B-69	Sequence 69, Appl
40	39	63.9	453	10	US-09-978-643A-69	Sequence 69, Appl
41	39	63.9	453	10	US-09-776-191-12	Sequence 12, Appl
42	39	63.9	453	10	US-09-978-375A-69	Sequence 69, Appl
43	39	63.9	453	10	US-09-978-298A-69	Sequence 69, Appl
44	39	63.9	453	10	US-09-978-188A-69	Sequence 69, Appl
45	39	63.9	453	10	US-09-978-681A-69	Sequence 69, Appl
46	39	63.9	453	10	US-09-978-194A-69	Sequence 69, Appl
47	39	63.9	453	10	US-09-999-829A-69	Sequence 69, Appl
48	39	63.9	453	10	US-09-978-299A-69	Sequence 69, Appl
49	39	63.9	453	10	US-09-978-544A-69	Sequence 69, Appl
50	39	63.9	453	10	US-09-978-665A-69	Sequence 69, Appl
51	39	63.9	453	10	US-09-978-802A-69	Sequence 69, Appl
52	39	63.9	453	11	US-09-999-831A-69	Sequence 69, Appl
53	39	63.9	453	13	US-10-052-586-64	Sequence 64, Appl
54	39	63.9	453	14	US-10-174-590-64	Sequence 64, Appl
55	39	63.9	453	14	US-10-176-758-64	Sequence 64, Appl
56	39	63.9	453	14	US-10-175-737-64	Sequence 64, Appl
57	39	63.9	453	14	US-10-174-581-64	Sequence 64, Appl
58	39	63.9	453	14	US-10-176-483-64	Sequence 64, Appl
59	39	63.9	453	14	US-10-176-749-64	Sequence 64, Appl
60	39	63.9	453	14	US-10-176-914-64	Sequence 64, Appl
61	39	63.9	453	14	US-10-176-915-64	Sequence 64, Appl
62	39	63.9	453	14	US-10-173-706-64	Sequence 64, Appl
63	39	63.9	453	14	US-10-175-738-64	Sequence 64, Appl
64	39	63.9	453	14	US-10-175-752-64	Sequence 64, Appl
65	39	63.9	453	14	US-10-176-482-64	Sequence 64, Appl
66	39	63.9	453	14	US-10-176-757-64	Sequence 64, Appl
67	39	63.9	453	14	US-10-176-913-64	Sequence 64, Appl
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73	39	63.9	453	14	US-10-174-582-64	Sequence 64, Appl
74	39	63.9	453	14	US-10-174-588-64	Sequence 64, Appl
75	39	63.9	453	14	US-10-175-739-64	Sequence 64, Appl
76	39	63.9	453	14	US-10-175-740-64	Sequence 64, Appl
77	39	63.9	453	14	US-10-175-743-64	Sequence 64, Appl
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82	39	63.9	453	14	US-10-176-985-64	Sequence 64, Appl
83	39	63.9	453	14	US-10-176-987-64	Sequence 64, Appl
84	39	63.9	453	14	US-10-176-992-64	Sequence 64, Appl
85	39	63.9	453	14	US-10-176-993-64	Sequence 64, Appl
86	39	63.9	453	14	US-10-184-658-64	Sequence 64, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-15
Perfect score: 61
Sequence: 1 KFKCKFKFKC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	61	100.0	10	1	US-08-097-830E-15	Sequence 15, Appl
2	61	100.0	10	2	US-08-456-112B-15	Sequence 15, Appl
3	43	70.5	10	1	US-08-097-830E-16	Sequence 16, Appl
4	43	70.5	10	2	US-08-456-112B-16	Sequence 16, Appl
5	41	67.2	10	1	US-08-097-830E-5	Sequence 5, Appli
6	41	67.2	10	2	US-08-456-112B-5	Sequence 5, Appli
7	39.5	64.8	10	1	US-08-097-830E-18	Sequence 18, Appl
8	39.5	64.8	10	2	US-08-456-112B-18	Sequence 18, Appl
9	39	63.9	33	4	US-09-270-767-41242	Sequence 41242, A
10	39	63.9	33	4	US-09-270-767-56458	Sequence 56458, A
11	39	63.9	35	3	US-09-518-046-13	Sequence 13, Appl
12	39	63.9	294	3	US-09-518-046-4	Sequence 4, Appli
13	39	63.9	454	3	US-09-518-046-2	Sequence 2, Appli
14	39	63.9	455	3	US-09-261-416-2	Sequence 2, Appli
15	39	63.9	521	4	US-09-949-016-11081	Sequence 11081, A
16	39	63.9	521	4	US-09-949-016-11082	Sequence 11082, A
17	39	63.9	521	4	US-09-949-016-11083	Sequence 11083, A
18	37	60.7	10	1	US-08-049-871-2	Sequence 2, Appli
19	37	60.7	10	1	US-07-819-893-2	Sequence 2, Appli
20	37	60.7	10	1	US-08-280-397-2	Sequence 2, Appli
21	37	60.7	10	1	US-08-218-026-49	Sequence 49, Appl
22	37	60.7	10	2	US-08-653-632-49	Sequence 49, Appl
23	37	60.7	10	2	US-08-456-112B-31	Sequence 31, Appl
24	37	60.7	11	1	US-08-049-871-6	Sequence 6, Appli
25	37	60.7	11	1	US-07-819-893-6	Sequence 6, Appli
26	37	60.7	11	1	US-08-280-397-6	Sequence 6, Appli
27	37	60.7	11	1	US-08-218-026-50	Sequence 50, Appl
28	37	60.7	11	2	US-08-653-632-50	Sequence 50, Appl
29	37	60.7	11	2	US-08-456-112B-13	Sequence 13, Appl
30	37	60.7	11	2	US-08-456-112B-35	Sequence 35, Appl
31	37	60.7	128	4	US-09-248-796A-27972	Sequence 27972, A
32	37	60.7	253	4	US-09-270-767-48906	Sequence 48906, A
33	36	59.0	10	2	US-08-456-112B-43	Sequence 43, Appl
34	36	59.0	123	4	US-09-270-767-38027	Sequence 38027, A
35	36	59.0	123	4	US-09-270-767-53244	Sequence 53244, A
36	36	59.0	226	4	US-09-270-767-37148	Sequence 37148, A
37	36	59.0	226	4	US-09-270-767-52365	Sequence 52365, A
38	36	59.0	253	4	US-09-270-767-33689	Sequence 33689, A
39	35.5	58.2	62	4	US-09-107-532A-5924	Sequence 5924, Ap
40	35	57.4	91	4	US-09-248-796A-22642	Sequence 22642, A
41	35	57.4	150	4	US-09-328-352-6423	Sequence 6423, Ap
42	35	57.4	652	2	US-08-751-305-2	Sequence 2, Appli
43	34	55.7	9	3	US-09-518-046-126	Sequence 126, App
44	34	55.7	20	4	US-09-615-153-5	Sequence 5, Appli
45	34	55.7	55	4	US-09-270-767-58360	Sequence 58360, A
46	34	55.7	58	4	US-10-108-311-8	Sequence 8, Appli
47	34	55.7	60	4	US-09-270-767-60389	Sequence 60389, A
48	34	55.7	66	4	US-09-248-796A-22637	Sequence 22637, A
49	34	55.7	76	4	US-09-270-767-33955	Sequence 33955, A
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51	34	55.7	149	4	US-09-270-767-43030	Sequence 43030, A
52	34	55.7	263	1	US-07-906-983-2	Sequence 2, Appli
53	34	55.7	263	4	US-09-653-813-2	Sequence 2, Appli
54	34	55.7	288	4	US-09-270-767-44915	Sequence 44915, A
55	34	55.7	341	4	US-09-248-796A-14575	Sequence 14575, A
56	34	55.7	686	4	US-09-248-796A-17699	Sequence 17699, A
57	33	54.1	53	4	US-09-270-767-61282	Sequence 61282, A
58	33	54.1	73	4	US-09-248-796A-21776	Sequence 21776, A
59	33	54.1	83	4	US-09-489-039A-10524	Sequence 10524, A
60	33	54.1	107	4	US-09-270-767-31707	Sequence 31707, A
61	33	54.1	107	4	US-09-270-767-46924	Sequence 46924, A
62	33	54.1	145	4	US-09-270-767-35356	Sequence 35356, A
63	33	54.1	145	4	US-09-270-767-50573	Sequence 50573, A
64	33	54.1	150	4	US-09-270-767-46076	Sequence 46076, A
65	33	54.1	200	4	US-09-134-000C-3505	Sequence 3505, Ap
66	33	54.1	211	4	US-09-513-999C-5216	Sequence 5216, Ap
67	33	54.1	226	3	US-09-299-378-2	Sequence 2, Appli
68	33	54.1	275	4	US-09-248-796A-20688	Sequence 20688, A
69	33	54.1	326	4	US-09-328-352-5570	Sequence 5570, Ap
70	33	54.1	330	4	US-09-328-352-6175	Sequence 6175, Ap
71	33	54.1	348	4	US-09-248-796A-20983	Sequence 20983, A
72	33	54.1	355	4	US-09-270-767-37109	Sequence 37109, A
73	33	54.1	355	4	US-09-270-767-52326	Sequence 52326, A
74	33	54.1	4654	3	US-08-476-515A-84	Sequence 84, Appl
75	33	54.1	4655	3	US-08-652-877-84	Sequence 84, Appl
76	33	54.1	4655	3	US-08-652-877-86	Sequence 86, Appl
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78	33	54.1	4655	3	US-08-652-877-90	Sequence 90, Appl
79	32	52.5	10	1	US-08-097-830E-17	Sequence 17, Appl
80	32	52.5	10	2	US-08-456-112B-17	Sequence 17, Appl
81	32	52.5	27	4	US-09-489-847-307	Sequence 307, App
82	32	52.5	37	4	US-09-894-882-60	Sequence 60, Appl
83	32	52.5	37	4	US-09-894-882-427	Sequence 427, App
84	32	52.5	55	4	US-09-621-976-6004	Sequence 6004, Ap
85	32	52.5	68	4	US-09-497-822C-15	Sequence 15, Appl
86	32	52.5	72	4	US-09-248-796A-25443	Sequence 25443, A
87	32	52.5	83	4	US-09-107-532A-7177	Sequence 7177, Ap
88	32	52.5	84	4	US-09-540-236-2784	Sequence 2784, Ap
89	32	52.5	88	4	US-09-270-767-35764	Sequence 35764, A
90	32	52.5	88	4	US-09-270-767-50981	Sequence 50981, A
91	32	52.5	88	4	US-09-248-796A-27021	Sequence 27021, A
92	32	52.5	103	4	US-09-248-796A-24161	Sequence 24161, A
93	32	52.5	124	4	US-09-270-767-48315	Sequence 48315, A
94	32	52.5	125	4	US-09-270-767-33098	Sequence 33098, A
95	32	52.5	133	4	US-09-270-767-37757	Sequence 37757, A
96	32	52.5	133	4	US-09-270-767-52974	Sequence 52974, A
97	32	52.5	155	4	US-09-270-767-58814	Sequence 58814, A
98	32	52.5	158	4	US-09-270-767-36149	Sequence 36149, A
99	32	52.5	158	4	US-09-270-767-51366	Sequence 51366, A
100	32	52.5	166	4	US-09-489-847-148	Sequence 148, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 25.8511 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-14
Perfect score: 39
Sequence: 1 CKFKKC 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	36	92.3	83	10	US-09-814-604-20	Sequence 20, Appl
3	36	92.3	83	10	US-09-922-226-6	Sequence 6, Appli
4	36	92.3	83	10	US-09-922-226-159	Sequence 159, App
5	36	92.3	103	14	US-10-317-832-121	Sequence 121, App
6	36	92.3	198	13	US-10-087-192-588	Sequence 588, App
7	36	92.3	219	9	US-09-925-301-957	Sequence 957, App
8	36	92.3	322	9	US-09-965-529-9	Sequence 9, Appli
9	36	92.3	322	10	US-09-969-680A-9	Sequence 9, Appli
10	36	92.3	322	14	US-10-197-666A-16	Sequence 16, Appl
11	36	92.3	322	14	US-10-024-298A-37	Sequence 37, Appl
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13	36	92.3	322	15	US-10-617-217A-37	Sequence 37, Appl
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22	36	92.3	614	15	US-10-435-696-42	Sequence 42, Appl
23	36	92.3	614	17	US-10-501-525-4	Sequence 4, Appli
24	36	92.3	621	15	US-10-425-114-72946	Sequence 72946, A
25	36	92.3	621	15	US-10-425-114-72947	Sequence 72947, A
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84	35	89.7	715	14	US-10-123-910-116	Sequence 116, App
85	35	89.7	715	14	US-10-124-813-116	Sequence 116, App
86	35	89.7	715	14	US-10-124-817-116	Sequence 116, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 10.117 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-14
Perfect score: 39
Sequence: 1 CKPKKC 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	39	100.0	6	1	US-08-097-830E-14	Sequence 14, Appl
2	39	100.0	6	2	US-08-456-112B-14	Sequence 14, Appl
3	36	92.3	68	4	US-09-497-822C-15	Sequence 15, Appl
4	36	92.3	68	4	US-09-497-822C-16	Sequence 16, Appl
5	36	92.3	355	6	5223606-4	Patent No. 5223606
6	36	92.3	355	6	5223606-4	Patent No. 5223606
7	36	92.3	410	3	US-08-764-870-1	Sequence 1, Appli
8	36	92.3	410	3	US-08-764-870-2	Sequence 2, Appli
9	36	92.3	410	3	US-08-980-115-1	Sequence 1, Appli
10	36	92.3	410	3	US-08-980-115-2	Sequence 2, Appli
11	36	92.3	410	6	5438126-2	Patent No. 5438126
12	36	92.3	410	6	5438126-2	Patent No. 5438126
13	36	92.3	461	3	US-08-764-870-3	Sequence 3, Appli
14	36	92.3	461	3	US-08-980-115-3	Sequence 3, Appli
15	36	92.3	560	2	US-09-132-619-10	Sequence 10, Appl
16	36	92.3	560	3	US-09-282-803B-10	Sequence 10, Appl
17	36	92.3	560	3	US-09-510-654-10	Sequence 10, Appl
18	36	92.3	621	4	US-09-949-016-11557	Sequence 11557, A
19	32	82.1	6	1	US-08-097-830E-32	Sequence 32, Appl
20	32	82.1	9	3	US-09-139-802-152	Sequence 152, App
21	32	82.1	9	4	US-09-659-786-152	Sequence 152, App
22	32	82.1	9	4	US-08-926-914-152	Sequence 152, App
23	32	82.1	45	4	US-09-270-767-44332	Sequence 44332, A
24	32	82.1	95	4	US-09-841-879B-12	Sequence 12, Appl
25	32	82.1	175	4	US-09-270-767-42585	Sequence 42585, A
26	32	82.1	225	1	US-08-462-169B-22	Sequence 22, Appl
27	32	82.1	225	2	US-08-951-822-25	Sequence 25, Appl
28	32	82.1	225	3	US-09-103-079-22	Sequence 22, Appl
29	32	82.1	225	3	US-08-705-245-3	Sequence 3, Appli
30	32	82.1	225	3	US-08-705-245-10	Sequence 10, Appl
31	32	82.1	225	3	US-09-368-951-25	Sequence 25, Appl
32	32	82.1	225	4	US-09-425-021-22	Sequence 22, Appl
33	32	82.1	225	4	US-09-229-947-25	Sequence 25, Appl
34	32	82.1	225	4	US-09-564-829-16	Sequence 16, Appl
35	32	82.1	225	4	US-09-490-714-3	Sequence 3, Appli
36	32	82.1	225	4	US-09-490-714-10	Sequence 10, Appl
37	32	82.1	225	4	US-08-462-159B-2	Sequence 2, Appli
38	32	82.1	225	4	US-09-949-016-10966	Sequence 10966, A
39	32	82.1	299	4	US-09-134-000C-4703	Sequence 4703, Ap
40	32	82.1	303	4	US-09-107-532A-5585	Sequence 5585, Ap
41	32	82.1	323	2	US-09-132-619-4	Sequence 4, Appli
42	32	82.1	323	3	US-09-282-803B-4	Sequence 4, Appli
43	32	82.1	323	3	US-09-510-654-4	Sequence 4, Appli
44	32	82.1	439	1	US-08-333-358-10	Sequence 10, Appl
45	32	82.1	439	1	US-08-463-694-10	Sequence 10, Appl
46	32	82.1	439	1	US-08-694-501-10	Sequence 10, Appl
47	32	82.1	440	2	US-08-484-200-4	Sequence 4, Appli
48	32	82.1	440	4	US-10-329-668-14	Sequence 14, Appl
49	32	82.1	441	3	US-08-764-870-9	Sequence 9, Appli
50	32	82.1	441	3	US-08-980-115-9	Sequence 9, Appli
51	32	82.1	441	4	US-09-976-594-1000	Sequence 1000, Ap
52	32	82.1	441	4	US-09-166-265-7	Sequence 7, Appli
53	32	82.1	466	4	US-09-949-016-9704	Sequence 9704, Ap
54	32	82.1	475	2	US-08-484-200-2	Sequence 2, Appli
55	32	82.1	475	3	US-08-465-375-2	Sequence 2, Appli
56	32	82.1	475	3	US-08-764-870-10	Sequence 10, Appl
57	32	82.1	475	3	US-08-980-115-10	Sequence 10, Appl
58	32	82.1	475	4	US-09-788-070-2	Sequence 2, Appli
59	32	82.1	475	4	US-10-142-373-2	Sequence 2, Appli
60	32	82.1	475	4	US-09-587-549C-2	Sequence 2, Appli
61	32	82.1	475	4	US-09-155-252A-2	Sequence 2, Appli
62	32	82.1	476	3	US-08-134-557D-2	Sequence 2, Appli
63	32	82.1	477	3	US-09-128-142-2	Sequence 2, Appli
64	32	82.1	478	4	US-09-166-265-5	Sequence 5, Appli
65	32	82.1	478	4	US-09-765-111A-27	Sequence 27, Appl
66	32	82.1	495	2	US-09-132-619-2	Sequence 2, Appli
67	32	82.1	495	3	US-09-282-803B-2	Sequence 2, Appli
68	32	82.1	495	3	US-09-510-654-2	Sequence 2, Appli
69	32	82.1	495	4	US-09-949-016-6419	Sequence 6419, Ap
70	32	82.1	500	2	US-09-132-619-8	Sequence 8, Appli
71	32	82.1	500	3	US-09-282-803B-8	Sequence 8, Appli
72	32	82.1	500	3	US-09-510-654-8	Sequence 8, Appli
73	32	82.1	500	4	US-09-949-016-11597	Sequence 11597, A
74	32	82.1	505	3	US-09-128-142-4	Sequence 4, Appli
75	32	82.1	505	4	US-09-765-111A-16	Sequence 16, Appl
76	32	82.1	505	4	US-09-949-016-7067	Sequence 7067, Ap
77	32	82.1	506	3	US-09-514-247A-6	Sequence 6, Appli
78	32	82.1	521	4	US-09-949-016-9620	Sequence 9620, Ap
79	32	82.1	521	4	US-09-949-016-9621	Sequence 9621, Ap
80	32	82.1	541	2	US-09-132-619-6	Sequence 6, Appli
81	32	82.1	541	3	US-09-282-803B-6	Sequence 6, Appli
82	32	82.1	541	3	US-09-510-654-6	Sequence 6, Appli
83	32	82.1	598	4	US-09-949-016-6699	Sequence 6699, Ap
84	32	82.1	617	4	US-09-949-016-10338	Sequence 10338, A
85	32	82.1	626	4	US-09-949-016-6776	Sequence 6776, Ap
86	32	82.1	641	4	US-09-949-016-10263	Sequence 10263, A
87	32	82.1	697	4	US-09-949-016-9660	Sequence 9660, Ap
88	32	82.1	777	4	US-09-765-111A-2	Sequence 2, Appli
89	32	82.1	811	4	US-09-765-111A-23	Sequence 23, Appl
90	32	82.1	840	4	US-09-765-111A-4	Sequence 4, Appli
91	32	82.1	874	4	US-09-765-111A-6	Sequence 6, Appli
92	31	79.5	9	3	US-09-139-802-151	Sequence 151, App
93	31	79.5	9	4	US-09-659-786-151	Sequence 151, App
94	31	79.5	9	4	US-08-926-914-151	Sequence 151, App
95	31	79.5	67	4	US-09-248-796A-27880	Sequence 27880, A
96	31	79.5	253	4	US-09-270-767-33689	Sequence 33689, A
97	31	79.5	257	4	US-09-248-796A-19664	Sequence 19664, A
98	31	79.5	296	3	US-09-134-001C-4830	Sequence 4830, Ap
99	31	79.5	296	4	US-09-710-279-1480	Sequence 1480, Ap
100	31	79.5	350	4	US-09-248-796A-19550	Sequence 19550, A

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 47.3936 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-13
Perfect score: 79
Sequence: 1 CKCKCKCKCKC 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	11	9	US-09-124-280A-13	Sequence 13, Appl
2	64	81.0	257	15	US-10-394-848-7	Sequence 7, Appli
3	61	77.2	626	15	US-10-425-114-58838	Sequence 58838, A
4	55	69.6	290	16	US-10-437-963-157903	Sequence 157903,
5	54	68.4	423	14	US-10-017-161-2118	Sequence 2118, Ap
6	54	68.4	423	15	US-10-292-798-1764	Sequence 1764, Ap
7	53	67.1	105	16	US-10-437-963-120482	Sequence 120482,
8	51	64.6	285	15	US-10-369-493-4103	Sequence 4103, Ap
9	50	63.3	13	10	US-09-902-517-19	Sequence 19, Appl
10	50	63.3	13	15	US-10-402-021-19	Sequence 19, Appl
11	50	63.3	140	14	US-10-062-548-71	Sequence 71, Appl
12	50	63.3	140	17	US-10-918-446-71	Sequence 71, Appl
13	49	62.0	11	9	US-09-782-980-128	Sequence 128, App
14	49	62.0	11	16	US-10-806-018-128	Sequence 128, App
15	49	62.0	44	15	US-10-424-599-202469	Sequence 202469,
16	49	62.0	60	16	US-10-437-963-149100	Sequence 149100,
17	49	62.0	75	15	US-10-424-599-191997	Sequence 191997,
18	49	62.0	609	16	US-10-437-963-195733	Sequence 195733,
19	49	62.0	695	14	US-10-184-644-567	Sequence 567, App
20	49	62.0	695	14	US-10-184-634-567	Sequence 567, App
21	49	62.0	1069	15	US-10-307-817-521	Sequence 521, App
22	49	62.0	1536	14	US-10-184-644-461	Sequence 461, App
23	49	62.0	1536	14	US-10-184-634-461	Sequence 461, App
24	49	62.0	1647	14	US-10-123-155-191	Sequence 191, App
25	49	62.0	1647	14	US-10-146-731-191	Sequence 191, App
26	49	62.0	1647	14	US-10-140-472-191	Sequence 191, App
27	49	62.0	1647	14	US-10-141-761-191	Sequence 191, App
28	49	62.0	1647	14	US-10-142-885-191	Sequence 191, App
29	49	62.0	1647	14	US-10-158-790-191	Sequence 191, App
30	49	62.0	1647	15	US-10-137-871-191	Sequence 191, App
31	49	62.0	1647	15	US-10-140-923-191	Sequence 191, App
32	49	62.0	1647	15	US-10-141-756-191	Sequence 191, App
33	49	62.0	1647	15	US-10-141-759-191	Sequence 191, App
34	49	62.0	1647	15	US-10-140-805-191	Sequence 191, App
35	49	62.0	1647	15	US-10-140-864-191	Sequence 191, App
36	49	62.0	1647	15	US-10-142-426-191	Sequence 191, App
37	49	62.0	1675	14	US-10-123-155-135	Sequence 135, App
38	49	62.0	1675	14	US-10-146-731-135	Sequence 135, App
39	49	62.0	1675	14	US-10-140-472-135	Sequence 135, App
40	49	62.0	1675	14	US-10-141-761-135	Sequence 135, App
41	49	62.0	1675	14	US-10-142-885-135	Sequence 135, App
42	49	62.0	1675	14	US-10-158-790-135	Sequence 135, App
43	49	62.0	1675	15	US-10-137-871-135	Sequence 135, App
44	49	62.0	1675	15	US-10-140-923-135	Sequence 135, App
45	49	62.0	1675	15	US-10-141-756-135	Sequence 135, App
46	49	62.0	1675	15	US-10-141-759-135	Sequence 135, App
47	49	62.0	1675	15	US-10-140-805-135	Sequence 135, App
48	49	62.0	1675	15	US-10-140-864-135	Sequence 135, App
49	49	62.0	1675	15	US-10-142-426-135	Sequence 135, App
50	49	62.0	1701	14	US-10-184-644-267	Sequence 267, App
51	49	62.0	1701	14	US-10-184-634-267	Sequence 267, App
52	49	62.0	1701	14	US-10-063-685-73	Sequence 73, Appl
53	49	62.0	1743	13	US-10-052-586-451	Sequence 451, App
54	49	62.0	1743	14	US-10-174-590-451	Sequence 451, App
55	49	62.0	1743	14	US-10-176-758-451	Sequence 451, App
56	49	62.0	1743	14	US-10-175-737-451	Sequence 451, App
57	49	62.0	1743	14	US-10-174-581-451	Sequence 451, App
58	49	62.0	1743	14	US-10-176-483-451	Sequence 451, App
59	49	62.0	1743	14	US-10-176-749-451	Sequence 451, App
60	49	62.0	1743	14	US-10-176-914-451	Sequence 451, App
61	49	62.0	1743	14	US-10-176-915-451	Sequence 451, App
62	49	62.0	1743	14	US-10-173-706-451	Sequence 451, App
63	49	62.0	1743	14	US-10-175-738-451	Sequence 451, App
64	49	62.0	1743	14	US-10-175-752-451	Sequence 451, App
65	49	62.0	1743	14	US-10-176-482-451	Sequence 451, App
66	49	62.0	1743	14	US-10-176-757-451	Sequence 451, App
67	49	62.0	1743	14	US-10-176-913-451	Sequence 451, App
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70	49	62.0	1743	14	US-10-173-700-451	Sequence 451, App
71	49	62.0	1743	14	US-10-174-572-451	Sequence 451, App
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73	49	62.0	1743	14	US-10-174-582-451	Sequence 451, App
74	49	62.0	1743	14	US-10-174-588-451	Sequence 451, App
75	49	62.0	1743	14	US-10-175-739-451	Sequence 451, App
76	49	62.0	1743	14	US-10-175-740-451	Sequence 451, App
77	49	62.0	1743	14	US-10-175-743-451	Sequence 451, App
78	49	62.0	1743	14	US-10-176-488-451	Sequence 451, App
79	49	62.0	1743	14	US-10-176-492-451	Sequence 451, App
80	49	62.0	1743	14	US-10-176-747-451	Sequence 451, App
81	49	62.0	1743	14	US-10-176-750-451	Sequence 451, App
82	49	62.0	1743	14	US-10-176-985-451	Sequence 451, App
83	49	62.0	1743	14	US-10-176-987-451	Sequence 451, App
84	49	62.0	1743	14	US-10-176-992-451	Sequence 451, App
85	49	62.0	1743	14	US-10-176-993-451	Sequence 451, App
86	49	62.0	1743	14	US-10-184-658-451	Sequence 451, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 18.5479 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-13
Perfect score: 79
Sequence: 1 CKCKCKCKCKC 11

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	79	100.0	11	2	US-08-456-112B-13	Sequence 13, Appl
2	64	81.0	257	1	US-08-414-926A-7	Sequence 7, Appli
3	64	81.0	257	2	US-08-926-922-7	Sequence 7, Appli
4	64	81.0	257	3	US-09-253-682-7	Sequence 7, Appli
5	64	81.0	257	3	US-09-527-657-7	Sequence 7, Appli
6	64	81.0	257	4	US-09-892-100-7	Sequence 7, Appli
7	54	68.4	189	4	US-09-270-767-37495	Sequence 37495, A
8	54	68.4	189	4	US-09-270-767-52712	Sequence 52712, A
9	50	63.3	13	2	US-08-850-910A-19	Sequence 19, Appl
10	50	63.3	140	4	US-09-369-247-71	Sequence 71, Appl
11	49	62.0	2123	4	US-09-949-016-7517	Sequence 7517, Ap
12	48.5	61.4	20	4	US-09-828-995B-14	Sequence 14, Appl
13	48.5	61.4	61	2	US-08-785-530-3	Sequence 3, Appli
14	48.5	61.4	61	2	US-09-123-850-3	Sequence 3, Appli
15	48.5	61.4	61	4	US-09-919-039-195	Sequence 195, App
16	48.5	61.4	474	4	US-09-828-995B-17	Sequence 17, Appl
17	48.5	61.4	563	4	US-09-828-995B-78	Sequence 78, Appl
18	48	60.8	1400	3	US-08-630-915A-37	Sequence 37, Appl
19	48	60.8	1400	4	US-09-879-957-37	Sequence 37, Appl
20	48	60.8	1917	4	US-09-627-650B-5	Sequence 5, Appli
21	48	60.8	1917	4	US-09-436-063C-5	Sequence 5, Appli
22	47.5	60.1	61	2	US-08-785-530-6	Sequence 6, Appli
23	47.5	60.1	61	2	US-09-123-850-6	Sequence 6, Appli
24	47.5	60.1	61	4	US-09-949-016-6675	Sequence 6675, Ap
25	47	59.5	79	4	US-09-471-276-1107	Sequence 1107, Ap
26	47	59.5	455	4	US-09-270-767-44339	Sequence 44339, A
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OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-12
Perfect score: 52
Sequence: 1 KKKKKKFKFK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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6	44	84.6	15	14	US-10-174-105A-191	Sequence 191, App
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GenCore version 5.1.6

OM protein - protein search, using sw model

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Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
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SUMMARIES

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71	38	73.1	42	3	US-08-584-043A-130	Sequence 130, App
72	38	73.1	43	3	US-08-584-043A-131	Sequence 131, App
73	38	73.1	44	3	US-09-039-780A-88	Sequence 88, Appl
74	38	73.1	45	2	US-08-460-890A-58	Sequence 58, Appl
75	38	73.1	45	3	US-08-167-641C-58	Sequence 58, Appl
76	38	73.1	45	3	US-08-460-971A-58	Sequence 58, Appl
77	38	73.1	45	3	US-08-462-040-58	Sequence 58, Appl
78	38	73.1	59	2	US-08-460-890A-60	Sequence 60, Appl
79	38	73.1	59	3	US-08-167-641C-60	Sequence 60, Appl
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81	38	73.1	59	3	US-08-462-040-60	Sequence 60, Appl
82	38	73.1	67	4	US-09-107-433-4790	Sequence 4790, Ap
83	38	73.1	81	4	US-09-248-796A-27533	Sequence 27533, A
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85	38	73.1	291	4	US-09-902-540-10710	Sequence 10710, A
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87	38	73.1	1199	3	US-09-332-295-4	Sequence 4, Appli
88	38	73.1	1199	4	US-09-709-979-4	Sequence 4, Appli
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91	37	71.2	63	5	PCT-US94-01202-2	Sequence 2, Appli
92	37	71.2	66	4	US-09-248-796A-22015	Sequence 22015, A
93	37	71.2	72	4	US-09-248-796A-26208	Sequence 26208, A
94	37	71.2	75	4	US-09-248-796A-24360	Sequence 24360, A
95	37	71.2	80	4	US-09-107-532A-6963	Sequence 6963, Ap
96	37	71.2	90	4	US-09-513-999C-6871	Sequence 6871, Ap
97	37	71.2	199	2	US-08-405-175A-3	Sequence 3, Appli
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 38.7766 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-11
Perfect score: 39
Sequence: 1 KLLKLLKLL 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	34	87.2	9	14	US-10-083-259-7	Sequence 7, Appli
4	34	87.2	9	14	US-10-109-274A-7	Sequence 7, Appli
5	34	87.2	9	15	US-10-240-641-15	Sequence 15, Appl
6	33	84.6	14	15	US-10-609-217-178	Sequence 178, App
7	33	84.6	14	15	US-10-632-388-178	Sequence 178, App
8	33	84.6	14	15	US-10-651-723-178	Sequence 178, App
9	33	84.6	14	15	US-10-645-761-178	Sequence 178, App
10	33	84.6	14	15	US-10-666-696-178	Sequence 178, App
11	33	84.6	14	15	US-10-653-048-178	Sequence 178, App
12	33	84.6	17	9	US-09-999-745-55	Sequence 55, Appl
13	33	84.6	17	9	US-09-554-000-39	Sequence 39, Appl
14	33	84.6	18	15	US-10-609-217-179	Sequence 179, App
15	33	84.6	18	15	US-10-632-388-179	Sequence 179, App
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18	33	84.6	18	15	US-10-666-696-179	Sequence 179, App
19	33	84.6	18	15	US-10-653-048-179	Sequence 179, App
20	33	84.6	20	16	US-10-467-513-14	Sequence 14, Appl
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22	32	82.1	12	15	US-10-632-388-516	Sequence 516, App
23	32	82.1	12	15	US-10-651-723-516	Sequence 516, App
24	32	82.1	12	15	US-10-645-761-516	Sequence 516, App
25	32	82.1	12	15	US-10-666-696-516	Sequence 516, App
26	32	82.1	12	15	US-10-653-048-516	Sequence 516, App
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28	32	82.1	311	15	US-10-282-122A-71709	Sequence 71709, A
29	32	82.1	331	9	US-09-803-286A-10	Sequence 10, Appl
30	32	82.1	358	16	US-10-437-963-186097	Sequence 186097,
31	32	82.1	1247	9	US-09-803-286A-2	Sequence 2, Appli
32	31	79.5	109	17	US-10-822-254-12	Sequence 12, Appl
33	31	79.5	206	15	US-10-424-599-197918	Sequence 197918,
34	31	79.5	646	15	US-10-369-493-5952	Sequence 5952, Ap
35	31	79.5	717	16	US-10-437-963-121417	Sequence 121417,
36	31	79.5	730	15	US-10-424-599-173103	Sequence 173103,
37	31	79.5	799	16	US-10-437-963-103679	Sequence 103679,
38	31	79.5	802	16	US-10-437-963-153456	Sequence 153456,
39	30	76.9	9	15	US-10-651-563-114	Sequence 114, App
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41	30	76.9	18	15	US-10-651-563-122	Sequence 122, App
42	30	76.9	21	9	US-09-726-792A-9	Sequence 9, Appli
43	30	76.9	21	15	US-10-444-662-5	Sequence 5, Appli
44	30	76.9	21	15	US-10-619-778-10	Sequence 10, Appl
45	30	76.9	21	16	US-10-755-784-9	Sequence 9, Appli
46	30	76.9	21	17	US-10-899-509-4	Sequence 4, Appli
47	30	76.9	51	15	US-10-424-599-239330	Sequence 239330,
48	30	76.9	81	11	US-09-864-408A-190	Sequence 190, App
49	30	76.9	88	15	US-10-424-599-166302	Sequence 166302,
50	30	76.9	90	14	US-10-029-386-30187	Sequence 30187, A
51	30	76.9	102	15	US-10-264-237-1719	Sequence 1719, Ap
52	30	76.9	167	15	US-10-231-913-276	Sequence 276, App
53	30	76.9	173	16	US-10-437-963-185985	Sequence 185985,
54	30	76.9	180	14	US-10-185-867-24	Sequence 24, Appl
55	30	76.9	184	11	US-09-930-512-41	Sequence 41, Appl
56	30	76.9	185	15	US-10-023-634-49	Sequence 49, Appl
57	30	76.9	188	15	US-10-424-599-274075	Sequence 274075,
58	30	76.9	190	15	US-10-425-114-42012	Sequence 42012, A
59	30	76.9	215	14	US-10-255-532-4	Sequence 4, Appli
60	30	76.9	215	15	US-10-391-399-84	Sequence 84, Appl
61	30	76.9	223	10	US-09-875-321-9	Sequence 9, Appli
62	30	76.9	223	14	US-10-162-012-9	Sequence 9, Appli
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65	30	76.9	229	10	US-09-873-546-9	Sequence 9, Appli
66	30	76.9	229	14	US-10-153-668-242	Sequence 242, App
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68	30	76.9	230	14	US-10-199-869-17	Sequence 17, Appl
69	30	76.9	241	14	US-10-185-867-23	Sequence 23, Appl
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71	30	76.9	250	14	US-10-309-804-7	Sequence 7, Appli
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73	30	76.9	250	15	US-10-391-399-30	Sequence 30, Appl
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83	30	76.9	637	13	US-10-041-007-28	Sequence 28, Appl
84	30	76.9	637	14	US-10-025-145A-69	Sequence 69, Appl
85	30	76.9	749	17	US-10-660-811A-164	Sequence 164, App
86	30	76.9	791	15	US-10-170-385-57	Sequence 57, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 15.1755 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-11
Perfect score: 39
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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6	33	84.6	11	3	US-09-115-737-94	Sequence 94, Appl
7	33	84.6	12	1	US-08-193-521-2	Sequence 2, Appli
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16	33	84.6	14	1	US-08-434-120-98	Sequence 98, Appl
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65	33	84.6	26	5	PCT-US91-05047-61	Sequence 61, Appl
66	33	84.6	30	1	US-07-725-331-62	Sequence 62, Appl
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68	33	84.6	36	1	US-07-725-331-63	Sequence 63, Appl
69	33	84.6	36	5	PCT-US91-05047-63	Sequence 63, Appl
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76	32	82.1	225	4	US-09-270-767-37172	Sequence 37172, A
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78	32	82.1	331	4	US-09-803-286A-10	Sequence 10, Appl
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80	32	82.1	349	4	US-09-270-767-53822	Sequence 53822, A
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91	31	79.5	287	4	US-09-107-433-4672	Sequence 4672, Ap
92	31	79.5	306	4	US-09-248-796A-23686	Sequence 23686, A
93	31	79.5	340	4	US-09-270-767-43509	Sequence 43509, A
94	31	79.5	922	4	US-09-248-796A-16269	Sequence 16269, A
95	31	79.5	1032	4	US-09-976-594-214	Sequence 214, App
96	30	76.9	21	4	US-09-589-978C-10	Sequence 10, Appl
97	30	76.9	21	4	US-09-726-792A-9	Sequence 9, Appli
98	30	76.9	56	4	US-09-621-976-5987	Sequence 5987, Ap
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

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Perfect score: 56
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	56	100.0	10	9	US-09-124-280A-10	Sequence 10, Appl
2	56	100.0	10	14	US-10-083-259-148	Sequence 148, App
3	56	100.0	10	14	US-10-109-274A-148	Sequence 148, App
4	56	100.0	10	15	US-10-176-419A-6	Sequence 6, Appli
5	56	100.0	10	17	US-10-818-158-4	Sequence 4, Appli
6	56	100.0	11	14	US-10-109-274A-20	Sequence 20, Appl
7	56	100.0	11	15	US-10-240-641-28	Sequence 28, Appl
8	56	100.0	23	15	US-10-176-419A-2	Sequence 2, Appli
9	51	91.1	9	9	US-09-124-280A-40	Sequence 40, Appl
10	51	91.1	9	14	US-10-083-259-1	Sequence 1, Appli
11	51	91.1	9	14	US-10-109-274A-1	Sequence 1, Appli
12	51	91.1	9	15	US-10-240-641-8	Sequence 8, Appli
13	51	91.1	11	14	US-10-083-259-153	Sequence 153, App
14	51	91.1	11	14	US-10-109-274A-153	Sequence 153, App
15	45	80.4	8	14	US-10-083-259-2	Sequence 2, Appli
16	45	80.4	8	14	US-10-109-274A-2	Sequence 2, Appli
17	45	80.4	8	15	US-10-240-641-9	Sequence 9, Appli
18	45	80.4	9	14	US-10-083-259-151	Sequence 151, App
19	45	80.4	9	14	US-10-083-259-152	Sequence 152, App
20	45	80.4	9	14	US-10-109-274A-151	Sequence 151, App
21	45	80.4	9	14	US-10-109-274A-152	Sequence 152, App
22	42	75.0	9	14	US-10-083-259-6	Sequence 6, Appli
23	42	75.0	9	14	US-10-109-274A-6	Sequence 6, Appli
24	42	75.0	9	15	US-10-240-641-14	Sequence 14, Appl
25	40	71.4	68	15	US-10-424-599-251086	Sequence 251086,
26	40	71.4	80	15	US-10-424-599-240082	Sequence 240082,
27	39	69.6	7	14	US-10-083-259-157	Sequence 157, App
28	39	69.6	7	14	US-10-109-274A-157	Sequence 157, App
29	39	69.6	7	15	US-10-240-641-10	Sequence 10, Appl
30	39	69.6	55	15	US-10-424-599-278529	Sequence 278529,
31	39	69.6	94	15	US-10-424-599-176334	Sequence 176334,
32	38	67.9	10	9	US-09-124-280A-8	Sequence 8, Appli
33	38	67.9	11	9	US-09-124-280A-37	Sequence 37, Appl
34	38	67.9	12	9	US-09-124-280A-20	Sequence 20, Appl
35	38	67.9	12	13	US-10-152-654-5	Sequence 5, Appli
36	38	67.9	12	15	US-10-404-679-5	Sequence 5, Appli
37	38	67.9	36	15	US-10-424-599-240811	Sequence 240811,
38	38	67.9	43	15	US-10-424-599-198109	Sequence 198109,
39	38	67.9	50	15	US-10-424-599-152783	Sequence 152783,
40	38	67.9	59	16	US-10-437-963-189937	Sequence 189937,
41	38	67.9	66	15	US-10-424-599-251716	Sequence 251716,
42	38	67.9	74	15	US-10-424-599-153280	Sequence 153280,
43	38	67.9	82	16	US-10-437-963-166631	Sequence 166631,
44	38	67.9	206	16	US-10-437-963-111505	Sequence 111505,
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46	37	66.1	63	15	US-10-424-599-171741	Sequence 171741,
47	37	66.1	66	15	US-10-424-599-173766	Sequence 173766,
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51	37	66.1	114	15	US-10-424-599-247110	Sequence 247110,
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53	37	66.1	481	15	US-10-203-319A-23	Sequence 23, Appl
54	37	66.1	692	15	US-10-369-493-2307	Sequence 2307, Ap
55	36	64.3	55	10	US-09-764-891-4752	Sequence 4752, Ap
56	36	64.3	56	16	US-10-437-963-176215	Sequence 176215,
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69	36	64.3	332	16	US-10-451-467A-80	Sequence 80, Appl
70	36	64.3	373	16	US-10-437-963-137050	Sequence 137050,
71	36	64.3	414	9	US-09-815-242-12860	Sequence 12860, A
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73	36	64.3	414	14	US-10-278-946-2	Sequence 2, Appli
74	36	64.3	414	17	US-10-967-189-2	Sequence 2, Appli
75	36	64.3	574	9	US-09-391-340-12	Sequence 12, Appl
76	36	64.3	574	9	US-09-948-369-12	Sequence 12, Appl
77	36	64.3	698	15	US-10-369-493-22791	Sequence 22791, A
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79	36	64.3	881	16	US-10-322-281-374	Sequence 374, App
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81	35	62.5	18	10	US-09-747-802-65	Sequence 65, Appl
82	35	62.5	18	10	US-09-865-294-58	Sequence 58, Appl
83	35	62.5	18	16	US-10-789-619-65	Sequence 65, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-10
Perfect score: 56
Sequence: 1 KFFKFFKFFK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	56	100.0	10	1	US-08-097-830E-10	Sequence 10, Appl
2	56	100.0	10	2	US-08-456-112B-10	Sequence 10, Appl
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4	41	73.2	67	4	US-09-270-767-35751	Sequence 35751, A
5	41	73.2	67	4	US-09-270-767-50968	Sequence 50968, A
6	40	71.4	86	4	US-09-134-000C-4858	Sequence 4858, Ap
7	39	69.6	419	4	US-09-248-796A-15450	Sequence 15450, A
8	38	67.9	10	1	US-08-097-830E-8	Sequence 8, Appli
9	38	67.9	10	2	US-08-456-112B-8	Sequence 8, Appli
10	38	67.9	11	1	US-08-049-871-8	Sequence 8, Appli
11	38	67.9	11	1	US-07-819-893-8	Sequence 8, Appli
12	38	67.9	11	1	US-08-280-397-8	Sequence 8, Appli
13	38	67.9	11	2	US-08-456-112B-37	Sequence 37, Appl
14	38	67.9	12	1	US-08-097-830E-20	Sequence 20, Appl
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19	38	67.9	166	3	US-08-765-381-10	Sequence 10, Appl
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27	36	64.3	414	4	US-10-278-946-2	Sequence 2, Appli
28	36	64.3	574	2	US-08-907-166-12	Sequence 12, Appl
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32	35	62.5	18	4	US-09-770-014-29	Sequence 29, Appl
33	35	62.5	18	4	US-09-701-588C-29	Sequence 29, Appl
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55	34	60.7	78	4	US-09-513-999C-7174	Sequence 7174, Ap
56	34	60.7	78	4	US-09-107-433-2850	Sequence 2850, Ap
57	34	60.7	117	4	US-09-270-767-46230	Sequence 46230, A
58	34	60.7	117	4	US-09-270-767-61797	Sequence 61797, A
59	34	60.7	142	4	US-09-601-729-5	Sequence 5, Appli
60	34	60.7	151	3	US-09-134-001C-5595	Sequence 5595, Ap
61	34	60.7	160	4	US-09-107-532A-3836	Sequence 3836, Ap
62	34	60.7	167	4	US-09-710-279-1802	Sequence 1802, Ap
63	34	60.7	208	4	US-09-270-767-44996	Sequence 44996, A
64	34	60.7	270	4	US-09-489-039A-10621	Sequence 10621, A
65	34	60.7	278	4	US-09-248-796A-14504	Sequence 14504, A
66	34	60.7	323	2	US-08-580-545B-2	Sequence 2, Appli
67	34	60.7	323	3	US-09-262-653A-2	Sequence 2, Appli
68	34	60.7	403	4	US-09-248-796A-20479	Sequence 20479, A
69	33	58.9	10	2	US-08-456-112B-41	Sequence 41, Appl
70	33	58.9	71	4	US-09-134-000C-5716	Sequence 5716, Ap
71	33	58.9	72	4	US-09-107-532A-4881	Sequence 4881, Ap
72	33	58.9	79	4	US-09-248-796A-24061	Sequence 24061, A
73	33	58.9	80	4	US-09-248-796A-22599	Sequence 22599, A
74	33	58.9	93	4	US-09-248-796A-15274	Sequence 15274, A
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87	33	58.9	143	1	US-08-449-639-8	Sequence 8, Appli
88	33	58.9	143	3	US-09-029-819-1	Sequence 1, Appli
89	33	58.9	143	3	US-09-029-819-3	Sequence 3, Appli
90	33	58.9	143	3	US-09-102-150-8	Sequence 8, Appli
91	33	58.9	143	4	US-09-601-729-2	Sequence 2, Appli
92	33	58.9	143	4	US-09-601-729-4	Sequence 4, Appli
93	33	58.9	144	3	US-09-029-819-2	Sequence 2, Appli
94	33	58.9	146	1	US-08-030-077-1	Sequence 1, Appli
95	33	58.9	146	6	5210029-4	Patent No. 5210029
96	33	58.9	146	6	5278286-3	Patent No. 5278286
97	33	58.9	146	6	5210029-4	Patent No. 5210029
98	33	58.9	146	6	5278286-3	Patent No. 5278286
99	33	58.9	147	6	5278286-2	Patent No. 5278286
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 38.7766 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-9
Perfect score: 48
Sequence: 1 RYVRYVRYV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
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6	35	72.9	101	9	US-09-738-626-5727	Sequence 5727, Ap
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23	34	70.8	83	9	US-09-764-877-1607	Sequence 1607, Ap
24	34	70.8	83	15	US-10-242-515-1607	Sequence 1607, Ap
25	34	70.8	83	15	US-10-424-599-185970	Sequence 185970,
26	34	70.8	108	15	US-10-424-599-275790	Sequence 275790,
27	34	70.8	116	15	US-10-424-599-198592	Sequence 198592,
28	34	70.8	168	16	US-10-767-701-51428	Sequence 51428, A
29	34	70.8	255	15	US-10-380-254-2	Sequence 2, Appli
30	34	70.8	334	15	US-10-282-122A-68998	Sequence 68998, A
31	34	70.8	361	14	US-10-274-694-11	Sequence 11, Appl
32	34	70.8	362	15	US-10-104-047-3160	Sequence 3160, Ap
33	34	70.8	438	9	US-09-908-419-2	Sequence 2, Appli
34	34	70.8	438	14	US-10-056-790-2	Sequence 2, Appli
35	34	70.8	438	14	US-10-056-790-36	Sequence 36, Appl
36	34	70.8	470	14	US-10-056-790-46	Sequence 46, Appl
37	34	70.8	600	9	US-09-801-368-158	Sequence 158, App
38	34	70.8	947	16	US-10-437-963-114679	Sequence 114679,
39	34	70.8	2172	16	US-10-437-963-195816	Sequence 195816,
40	33	68.8	74	15	US-10-425-114-65765	Sequence 65765, A
41	33	68.8	235	16	US-10-437-963-202951	Sequence 202951,
42	33	68.8	298	15	US-10-424-599-208128	Sequence 208128,
43	33	68.8	350	16	US-10-437-963-118094	Sequence 118094,
44	33	68.8	376	15	US-10-425-114-54205	Sequence 54205, A
45	33	68.8	398	16	US-10-767-701-40025	Sequence 40025, A
46	33	68.8	421	15	US-10-289-762-932	Sequence 932, App
47	33	68.8	620	14	US-10-128-714-8335	Sequence 8335, Ap
48	33	68.8	685	16	US-10-437-963-170487	Sequence 170487,
49	33	68.8	705	15	US-10-425-114-65776	Sequence 65776, A
50	33	68.8	832	15	US-10-267-502-303	Sequence 303, App
51	33	68.8	1095	15	US-10-369-493-2025	Sequence 2025, Ap
52	33	68.8	1160	15	US-10-115-482-46	Sequence 46, Appl
53	32	66.7	36	14	US-10-351-641-608	Sequence 608, App
54	32	66.7	36	14	US-10-351-641-609	Sequence 609, App
55	32	66.7	86	16	US-10-437-963-140300	Sequence 140300,
56	32	66.7	262	15	US-10-424-599-284866	Sequence 284866,
57	32	66.7	306	15	US-10-369-493-22664	Sequence 22664, A
58	32	66.7	432	15	US-10-369-493-12020	Sequence 12020, A
59	32	66.7	463	16	US-10-437-963-144541	Sequence 144541,
60	32	66.7	596	16	US-10-437-963-157400	Sequence 157400,
61	32	66.7	638	13	US-10-072-621-10	Sequence 10, Appl
62	32	66.7	666	15	US-10-267-502-309	Sequence 309, App
63	32	66.7	674	14	US-10-090-455-4	Sequence 4, Appli
64	32	66.7	674	15	US-10-429-160-10	Sequence 10, Appl
65	32	66.7	674	15	US-10-267-502-307	Sequence 307, App
66	32	66.7	674	16	US-10-648-593-214	Sequence 214, App
67	32	66.7	778	16	US-10-437-963-157402	Sequence 157402,
68	32	66.7	803	15	US-10-320-797-3298	Sequence 3298, Ap
69	32	66.7	861	16	US-10-441-926-20	Sequence 20, Appl
70	32	66.7	861	16	US-10-441-926-22	Sequence 22, Appl
71	32	66.7	861	16	US-10-441-926-24	Sequence 24, Appl
72	32	66.7	861	16	US-10-441-926-26	Sequence 26, Appl
73	32	66.7	861	16	US-10-441-926-28	Sequence 28, Appl
74	32	66.7	861	16	US-10-441-926-30	Sequence 30, Appl
75	32	66.7	892	15	US-10-369-493-22811	Sequence 22811, A
76	31	64.6	9	15	US-10-256-538-7	Sequence 7, Appli
77	31	64.6	56	15	US-10-424-599-204620	Sequence 204620,
78	31	64.6	58	15	US-10-424-599-230354	Sequence 230354,
79	31	64.6	98	16	US-10-437-963-182666	Sequence 182666,
80	31	64.6	105	9	US-09-925-299-1017	Sequence 1017, Ap
81	31	64.6	105	10	US-09-925-299-1017	Sequence 1017, Ap
82	31	64.6	126	15	US-10-424-599-168085	Sequence 168085,
83	31	64.6	170	15	US-10-424-599-191438	Sequence 191438,
84	31	64.6	228	15	US-10-282-122A-69949	Sequence 69949, A
85	31	64.6	250	9	US-09-813-453A-3	Sequence 3, Appli
86	31	64.6	304	15	US-10-320-797-3113	Sequence 3113, Ap

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 15.1755 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-9
Perfect score: 48
Sequence: 1 RYVRYVRYV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	48	100.0	9	1	US-07-819-893-10	Sequence 10, Appl
2	48	100.0	9	1	US-08-280-397-10	Sequence 10, Appl
3	48	100.0	9	1	US-08-097-830E-9	Sequence 9, Appli
4	48	100.0	9	2	US-08-456-112B-9	Sequence 9, Appli
5	48	100.0	9	2	US-08-456-112B-39	Sequence 39, Appl
6	35	72.9	110	4	US-09-732-210-457	Sequence 457, App
7	34	70.8	36	3	US-09-082-279B-605	Sequence 605, App
8	34	70.8	36	3	US-09-082-279B-606	Sequence 606, App
9	34	70.8	36	3	US-09-082-279B-607	Sequence 607, App
10	34	70.8	36	3	US-09-315-304B-605	Sequence 605, App
11	34	70.8	36	3	US-09-315-304B-606	Sequence 606, App
12	34	70.8	36	3	US-09-315-304B-607	Sequence 607, App
13	34	70.8	36	4	US-09-834-784-605	Sequence 605, App
14	34	70.8	36	4	US-09-834-784-606	Sequence 606, App
15	34	70.8	36	4	US-09-834-784-607	Sequence 607, App
16	34	70.8	36	4	US-09-515-965A-605	Sequence 605, App
17	34	70.8	36	4	US-09-515-965A-606	Sequence 606, App
18	34	70.8	36	4	US-09-515-965A-607	Sequence 607, App
19	34	70.8	36	4	US-09-350-641C-605	Sequence 605, App
20	34	70.8	36	4	US-09-350-641C-606	Sequence 606, App
21	34	70.8	36	4	US-09-350-641C-607	Sequence 607, App
22	34	70.8	36	4	US-09-350-841A-605	Sequence 605, App
23	34	70.8	36	4	US-09-350-841A-606	Sequence 606, App
24	34	70.8	36	4	US-09-350-841A-607	Sequence 607, App
25	34	70.8	345	4	US-09-543-681A-4410	Sequence 4410, Ap
26	34	70.8	600	4	US-09-538-092-317	Sequence 317, App
27	33	68.8	9	1	US-08-097-830E-31	Sequence 31, Appl
28	33	68.8	107	4	US-09-270-767-35722	Sequence 35722, A
29	33	68.8	107	4	US-09-270-767-50939	Sequence 50939, A
30	33	68.8	222	4	US-09-270-767-41166	Sequence 41166, A
31	33	68.8	222	4	US-09-270-767-56382	Sequence 56382, A
32	33	68.8	250	4	US-09-248-796A-26414	Sequence 26414, A
33	33	68.8	421	4	US-09-198-452A-932	Sequence 932, App
34	33	68.8	421	4	US-09-438-185A-869	Sequence 869, App
35	33	68.8	534	4	US-09-270-767-48833	Sequence 48833, A
36	32	66.7	36	3	US-09-082-279B-608	Sequence 608, App
37	32	66.7	36	3	US-09-082-279B-609	Sequence 609, App
38	32	66.7	36	3	US-09-315-304B-608	Sequence 608, App
39	32	66.7	36	3	US-09-315-304B-609	Sequence 609, App
40	32	66.7	36	4	US-09-834-784-608	Sequence 608, App
41	32	66.7	36	4	US-09-834-784-609	Sequence 609, App
42	32	66.7	36	4	US-09-515-965A-608	Sequence 608, App
43	32	66.7	36	4	US-09-515-965A-609	Sequence 609, App
44	32	66.7	36	4	US-09-350-641C-608	Sequence 608, App
45	32	66.7	36	4	US-09-350-641C-609	Sequence 609, App
46	32	66.7	36	4	US-09-350-841A-608	Sequence 608, App
47	32	66.7	36	4	US-09-350-841A-609	Sequence 609, App
48	32	66.7	177	4	US-09-543-681A-4212	Sequence 4212, Ap
49	32	66.7	209	4	US-09-270-767-36901	Sequence 36901, A
50	32	66.7	209	4	US-09-270-767-52118	Sequence 52118, A
51	32	66.7	455	4	US-09-270-767-44741	Sequence 44741, A
52	32	66.7	674	4	US-09-538-092-1125	Sequence 1125, Ap
53	31	64.6	193	4	US-09-489-039A-12557	Sequence 12557, A
54	31	64.6	250	4	US-09-813-453B-3	Sequence 3, Appli
55	31	64.6	296	4	US-09-270-767-59761	Sequence 59761, A
56	31	64.6	312	4	US-10-402-818-5	Sequence 5, Appli
57	31	64.6	333	4	US-09-270-767-44340	Sequence 44340, A
58	31	64.6	336	4	US-09-674-741-19	Sequence 19, Appl
59	31	64.6	336	4	US-10-402-818-6	Sequence 6, Appli
60	31	64.6	336	4	US-10-379-010-19	Sequence 19, Appl
61	31	64.6	469	4	US-09-543-681A-7068	Sequence 7068, Ap
62	31	64.6	486	4	US-09-252-991A-19571	Sequence 19571, A
63	31	64.6	704	4	US-09-252-991A-17523	Sequence 17523, A
64	31	64.6	826	4	US-09-252-991A-22143	Sequence 22143, A
65	31	64.6	1075	4	US-09-198-452A-916	Sequence 916, App
66	31	64.6	1178	4	US-09-438-185A-851	Sequence 851, App
67	31	64.6	1422	4	US-08-469-260A-85	Sequence 85, Appl
68	31	64.6	1422	4	US-08-488-446-85	Sequence 85, Appl
69	31	64.6	1422	4	US-08-467-344A-85	Sequence 85, Appl
70	31	64.6	1422	4	US-08-424-550B-85	Sequence 85, Appl
71	30	62.5	17	3	US-09-025-769B-233	Sequence 233, App
72	30	62.5	17	4	US-09-490-070A-233	Sequence 233, App
73	30	62.5	17	4	US-09-490-153-233	Sequence 233, App
74	30	62.5	17	4	US-09-490-324-233	Sequence 233, App
75	30	62.5	30	4	US-09-149-476-437	Sequence 437, App
76	30	62.5	73	4	US-09-248-796A-24970	Sequence 24970, A
77	30	62.5	119	4	US-09-270-767-37661	Sequence 37661, A
78	30	62.5	119	4	US-09-270-767-52878	Sequence 52878, A
79	30	62.5	144	3	US-08-961-083-44	Sequence 44, Appl
80	30	62.5	144	4	US-09-536-784-44	Sequence 44, Appl
81	30	62.5	168	4	US-09-270-767-39396	Sequence 39396, A
82	30	62.5	168	4	US-09-270-767-54613	Sequence 54613, A
83	30	62.5	174	4	US-09-270-767-39809	Sequence 39809, A
84	30	62.5	174	4	US-09-270-767-55026	Sequence 55026, A
85	30	62.5	200	2	US-08-606-143-42	Sequence 42, Appl
86	30	62.5	233	4	US-09-270-767-43000	Sequence 43000, A
87	30	62.5	316	4	US-09-540-236-2499	Sequence 2499, Ap
88	30	62.5	316	4	US-09-270-767-62169	Sequence 62169, A
89	30	62.5	335	4	US-09-270-767-34043	Sequence 34043, A
90	30	62.5	335	4	US-09-270-767-49260	Sequence 49260, A
91	30	62.5	357	4	US-09-489-039A-12725	Sequence 12725, A
92	30	62.5	384	4	US-09-270-767-37445	Sequence 37445, A
93	30	62.5	384	4	US-09-270-767-52662	Sequence 52662, A
94	30	62.5	389	4	US-09-270-767-46575	Sequence 46575, A
95	30	62.5	429	4	US-09-328-352-4392	Sequence 4392, Ap
96	30	62.5	524	4	US-09-248-796A-17786	Sequence 17786, A
97	30	62.5	569	3	US-09-362-831-9	Sequence 9, Appli
98	30	62.5	571	1	US-08-368-803-17	Sequence 17, Appl
99	30	62.5	990	1	US-08-232-540-2	Sequence 2, Appli
100	30	62.5	990	1	US-08-428-949A-2	Sequence 2, Appli

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-8
Perfect score: 50
Sequence: 1 KFLKFLKFLK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	50	100.0	10	9	US-09-124-280A-8	Sequence 8, Appli
2	50	100.0	11	9	US-09-124-280A-37	Sequence 37, Appl
3	50	100.0	12	9	US-09-124-280A-20	Sequence 20, Appl
4	45	90.0	10	9	US-09-124-280A-41	Sequence 41, Appl
5	40	80.0	209	16	US-10-437-963-147868	Sequence 147868,
6	39	78.0	9	15	US-10-247-476B-13	Sequence 13, Appl
7	39	78.0	9	15	US-10-247-476B-14	Sequence 14, Appl
8	38	76.0	10	9	US-09-124-280A-10	Sequence 10, Appl
9	38	76.0	10	14	US-10-083-259-148	Sequence 148, App
10	38	76.0	10	14	US-10-109-274A-148	Sequence 148, App
11	38	76.0	10	15	US-10-176-419A-6	Sequence 6, Appli
12	38	76.0	10	17	US-10-818-158-4	Sequence 4, Appli
13	38	76.0	11	14	US-10-109-274A-20	Sequence 20, Appl
14	38	76.0	11	15	US-10-240-641-28	Sequence 28, Appl
15	38	76.0	23	15	US-10-176-419A-2	Sequence 2, Appli
16	38	76.0	66	15	US-10-424-599-152246	Sequence 152246,
17	37	74.0	248	15	US-10-424-599-265470	Sequence 265470,
18	37	74.0	256	15	US-10-282-122A-51850	Sequence 51850, A
19	37	74.0	476	15	US-10-282-122A-53100	Sequence 53100, A
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21	36	72.0	114	16	US-10-767-701-56234	Sequence 56234, A
22	36	72.0	228	15	US-10-425-114-70797	Sequence 70797, A
23	36	72.0	229	16	US-10-437-963-166745	Sequence 166745,
24	36	72.0	957	16	US-10-437-963-167447	Sequence 167447,
25	36	72.0	967	15	US-10-425-114-58755	Sequence 58755, A
26	36	72.0	967	15	US-10-425-114-62853	Sequence 62853, A
27	35	70.0	7	9	US-09-124-280A-7	Sequence 7, Appli
28	35	70.0	7	9	US-09-124-280A-38	Sequence 38, Appl
29	35	70.0	79	15	US-10-424-599-281079	Sequence 281079,
30	35	70.0	94	15	US-10-425-114-45310	Sequence 45310, A
31	35	70.0	94	15	US-10-425-114-58311	Sequence 58311, A
32	35	70.0	94	15	US-10-425-114-60122	Sequence 60122, A
33	35	70.0	94	15	US-10-425-114-61564	Sequence 61564, A
34	35	70.0	101	15	US-10-425-114-56369	Sequence 56369, A
35	35	70.0	208	15	US-10-282-122A-45253	Sequence 45253, A
36	35	70.0	1279	10	US-09-882-227-388	Sequence 388, App
37	34	68.0	43	15	US-10-424-599-285041	Sequence 285041,
38	34	68.0	45	15	US-10-424-599-221561	Sequence 221561,
39	34	68.0	47	15	US-10-424-599-149057	Sequence 149057,
40	34	68.0	73	9	US-09-864-761-41602	Sequence 41602, A
41	34	68.0	77	15	US-10-424-599-198418	Sequence 198418,
42	34	68.0	106	15	US-10-424-599-200324	Sequence 200324,
43	34	68.0	201	15	US-10-282-122A-47069	Sequence 47069, A
44	34	68.0	230	16	US-10-437-963-104213	Sequence 104213,
45	34	68.0	243	15	US-10-425-114-46311	Sequence 46311, A
46	34	68.0	258	15	US-10-424-599-229486	Sequence 229486,
47	34	68.0	873	15	US-10-369-493-6226	Sequence 6226, Ap
48	34	68.0	1001	15	US-10-607-631-10	Sequence 10, Appl
49	33	66.0	8	14	US-10-083-259-2	Sequence 2, Appli
50	33	66.0	8	14	US-10-109-274A-2	Sequence 2, Appli
51	33	66.0	8	15	US-10-240-641-9	Sequence 9, Appli
52	33	66.0	9	9	US-09-124-280A-40	Sequence 40, Appl
53	33	66.0	9	14	US-10-083-259-1	Sequence 1, Appli
54	33	66.0	9	14	US-10-083-259-151	Sequence 151, App
55	33	66.0	9	14	US-10-083-259-152	Sequence 152, App
56	33	66.0	9	14	US-10-109-274A-1	Sequence 1, Appli
57	33	66.0	9	14	US-10-109-274A-151	Sequence 151, App
58	33	66.0	9	14	US-10-109-274A-152	Sequence 152, App
59	33	66.0	9	15	US-10-240-641-8	Sequence 8, Appli
60	33	66.0	11	14	US-10-083-259-153	Sequence 153, App
61	33	66.0	11	14	US-10-109-274A-153	Sequence 153, App
62	33	66.0	34	15	US-10-424-599-261977	Sequence 261977,
63	33	66.0	39	15	US-10-424-599-170388	Sequence 170388,
64	33	66.0	42	15	US-10-424-599-259314	Sequence 259314,
65	33	66.0	45	14	US-10-029-386-29370	Sequence 29370, A
66	33	66.0	51	15	US-10-424-599-224286	Sequence 224286,
67	33	66.0	55	9	US-09-867-550-1460	Sequence 1460, Ap
68	33	66.0	74	15	US-10-424-599-243043	Sequence 243043,
69	33	66.0	93	16	US-10-437-963-153556	Sequence 153556,
70	33	66.0	106	9	US-09-864-761-44268	Sequence 44268, A
71	33	66.0	123	15	US-10-424-599-150308	Sequence 150308,
72	33	66.0	140	16	US-10-437-963-199382	Sequence 199382,
73	33	66.0	146	15	US-10-424-599-174455	Sequence 174455,
74	33	66.0	312	9	US-09-393-634-51	Sequence 51, Appl
75	33	66.0	312	10	US-09-510-332-17	Sequence 17, Appl
76	33	66.0	312	14	US-10-383-982-51	Sequence 51, Appl
77	33	66.0	312	15	US-10-364-861-51	Sequence 51, Appl
78	33	66.0	312	17	US-10-962-365-17	Sequence 17, Appl
79	33	66.0	318	14	US-10-270-875-43	Sequence 43, Appl
80	33	66.0	318	14	US-10-270-878-43	Sequence 43, Appl
81	33	66.0	318	14	US-10-270-786-43	Sequence 43, Appl
82	33	66.0	318	14	US-10-270-710-43	Sequence 43, Appl
83	33	66.0	318	14	US-10-270-859-43	Sequence 43, Appl
84	33	66.0	318	14	US-10-270-846-43	Sequence 43, Appl
85	33	66.0	364	16	US-10-437-963-146021	Sequence 146021,
86	33	66.0	415	16	US-10-437-963-152981	Sequence 152981,

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-8
Perfect score: 50
Sequence: 1 KFLKFLKFLK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	50	100.0	10	1	US-08-097-830E-8	Sequence 8, Appli
2	50	100.0	10	2	US-08-456-112B-8	Sequence 8, Appli
3	50	100.0	11	1	US-08-049-871-8	Sequence 8, Appli
4	50	100.0	11	1	US-07-819-893-8	Sequence 8, Appli
5	50	100.0	11	1	US-08-280-397-8	Sequence 8, Appli
6	50	100.0	11	2	US-08-456-112B-37	Sequence 37, Appl
7	50	100.0	12	1	US-08-097-830E-20	Sequence 20, Appl
8	50	100.0	12	2	US-08-456-112B-20	Sequence 20, Appl
9	45	90.0	10	2	US-08-456-112B-41	Sequence 41, Appl
10	38	76.0	10	1	US-08-097-830E-10	Sequence 10, Appl
11	38	76.0	10	2	US-08-456-112B-10	Sequence 10, Appl
12	38	76.0	373	4	US-09-489-039A-8389	Sequence 8389, Ap
13	38	76.0	635	4	US-09-248-796A-16944	Sequence 16944, A
14	36	72.0	151	3	US-09-134-001C-5595	Sequence 5595, Ap
15	36	72.0	167	4	US-09-710-279-1802	Sequence 1802, Ap
16	36	72.0	552	4	US-09-248-796A-25337	Sequence 25337, A
17	35	70.0	7	1	US-07-819-893-9	Sequence 9, Appli
18	35	70.0	7	1	US-08-280-397-9	Sequence 9, Appli
19	35	70.0	7	1	US-08-097-830E-7	Sequence 7, Appli
20	35	70.0	7	2	US-08-456-112B-7	Sequence 7, Appli
21	35	70.0	7	2	US-08-456-112B-38	Sequence 38, Appl
22	35	70.0	62	4	US-09-328-352-4453	Sequence 4453, Ap
23	35	70.0	67	4	US-09-270-767-35751	Sequence 35751, A
24	35	70.0	67	4	US-09-270-767-50968	Sequence 50968, A
25	35	70.0	225	4	US-09-328-352-6504	Sequence 6504, Ap
26	34	68.0	84	4	US-09-328-352-4976	Sequence 4976, Ap
27	34	68.0	103	4	US-09-732-210-1231	Sequence 1231, Ap
28	34	68.0	138	4	US-09-270-767-36351	Sequence 36351, A
29	34	68.0	138	4	US-09-270-767-51568	Sequence 51568, A
30	34	68.0	154	4	US-09-270-767-45288	Sequence 45288, A
31	33	66.0	9	2	US-08-456-112B-40	Sequence 40, Appl
32	33	66.0	140	4	US-09-270-767-42594	Sequence 42594, A
33	33	66.0	146	4	US-09-107-532A-5046	Sequence 5046, Ap
34	33	66.0	312	4	US-09-393-634-51	Sequence 51, Appl
35	33	66.0	318	4	US-09-585-858-43	Sequence 43, Appl
36	33	66.0	318	4	US-10-270-878-43	Sequence 43, Appl
37	33	66.0	405	4	US-09-248-796A-19442	Sequence 19442, A
38	33	66.0	421	4	US-09-710-279-1820	Sequence 1820, Ap
39	33	66.0	427	3	US-09-134-001C-5141	Sequence 5141, Ap
40	33	66.0	642	4	US-09-248-796A-16161	Sequence 16161, A
41	32	64.0	107	4	US-09-959-392-22	Sequence 22, Appl
42	32	64.0	207	3	US-09-134-001C-4726	Sequence 4726, Ap
43	32	64.0	288	4	US-09-134-000C-3645	Sequence 3645, Ap
44	32	64.0	341	4	US-09-248-796A-20848	Sequence 20848, A
45	32	64.0	418	3	US-08-855-910-11	Sequence 11, Appl
46	32	64.0	426	4	US-09-107-532A-4046	Sequence 4046, Ap
47	32	64.0	433	4	US-09-134-000C-3686	Sequence 3686, Ap
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51	32	64.0	1580	3	US-08-726-320-1	Sequence 1, Appli
52	32	64.0	1580	3	US-09-208-716-1	Sequence 1, Appli
53	32	64.0	1581	3	US-08-726-320-3	Sequence 3, Appli
54	32	64.0	1581	3	US-09-208-716-3	Sequence 3, Appli
55	31	62.0	60	4	US-09-107-433-3695	Sequence 3695, Ap
56	31	62.0	62	4	US-09-248-796A-27013	Sequence 27013, A
57	31	62.0	74	4	US-09-513-999C-4459	Sequence 4459, Ap
58	31	62.0	95	4	US-09-270-767-60137	Sequence 60137, A
59	31	62.0	105	4	US-09-107-532A-5500	Sequence 5500, Ap
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61	31	62.0	166	4	US-09-270-767-36357	Sequence 36357, A
62	31	62.0	166	4	US-09-270-767-51574	Sequence 51574, A
63	31	62.0	174	4	US-09-270-767-36870	Sequence 36870, A
64	31	62.0	174	4	US-09-270-767-52087	Sequence 52087, A
65	31	62.0	188	4	US-09-270-767-57056	Sequence 57056, A
66	31	62.0	219	4	US-09-583-110-5079	Sequence 5079, Ap
67	31	62.0	253	4	US-09-270-767-40298	Sequence 40298, A
68	31	62.0	253	4	US-09-270-767-55514	Sequence 55514, A
69	31	62.0	279	4	US-09-248-796A-16033	Sequence 16033, A
70	31	62.0	289	3	US-09-627-376-4	Sequence 4, Appli
71	31	62.0	289	4	US-10-047-676B-4	Sequence 4, Appli
72	31	62.0	316	4	US-09-538-092-772	Sequence 772, App
73	31	62.0	341	4	US-09-248-796A-15858	Sequence 15858, A
74	31	62.0	356	4	US-09-439-261-19	Sequence 19, Appl
75	31	62.0	356	4	US-09-227-613-18	Sequence 18, Appl
76	31	62.0	376	4	US-09-248-796A-16143	Sequence 16143, A
77	31	62.0	378	4	US-09-107-532A-4777	Sequence 4777, Ap
78	31	62.0	400	4	US-09-198-452A-302	Sequence 302, App
79	31	62.0	400	4	US-09-438-185A-291	Sequence 291, App
80	31	62.0	432	4	US-09-439-261-9	Sequence 9, Appli
81	31	62.0	432	4	US-09-227-613-9	Sequence 9, Appli
82	31	62.0	433	4	US-09-248-796A-20011	Sequence 20011, A
83	31	62.0	465	4	US-09-439-261-40	Sequence 40, Appl
84	31	62.0	465	4	US-09-227-613-38	Sequence 38, Appl
85	31	62.0	498	4	US-09-949-016-10484	Sequence 10484, A
86	31	62.0	547	4	US-09-248-796A-19600	Sequence 19600, A
87	31	62.0	555	4	US-09-489-039A-10752	Sequence 10752, A
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89	30	60.0	92	4	US-09-248-796A-26899	Sequence 26899, A
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91	30	60.0	97	4	US-09-134-000C-4160	Sequence 4160, Ap
92	30	60.0	114	4	US-09-540-236-1979	Sequence 1979, Ap
93	30	60.0	115	4	US-09-732-210-730	Sequence 730, App
94	30	60.0	120	4	US-09-248-796A-19735	Sequence 19735, A
95	30	60.0	141	4	US-08-837-199A-24	Sequence 24, Appl
96	30	60.0	147	4	US-08-837-199A-22	Sequence 22, Appl
97	30	60.0	159	4	US-09-710-279-878	Sequence 878, App
98	30	60.0	159	4	US-09-710-279-2280	Sequence 2280, Ap
99	30	60.0	159	4	US-09-248-796A-25444	Sequence 25444, A
100	30	60.0	169	4	US-09-270-767-35406	Sequence 35406, A

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 30.1596 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-7
Perfect score: 35
Sequence: 1 KFLKFLK 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	35	100.0	7	9	US-09-124-280A-7	Sequence 7, Appli
2	35	100.0	7	9	US-09-124-280A-38	Sequence 38, Appl
3	35	100.0	10	9	US-09-124-280A-8	Sequence 8, Appli
4	35	100.0	10	9	US-09-124-280A-41	Sequence 41, Appl
5	35	100.0	11	9	US-09-124-280A-37	Sequence 37, Appl
6	35	100.0	12	9	US-09-124-280A-20	Sequence 20, Appl
7	35	100.0	209	16	US-10-437-963-147868	Sequence 147868,
8	35	100.0	476	15	US-10-282-122A-53100	Sequence 53100, A
9	32	91.4	66	15	US-10-424-599-152246	Sequence 152246,
10	32	91.4	116	15	US-10-424-599-251225	Sequence 251225,
11	32	91.4	1001	15	US-10-607-631-10	Sequence 10, Appl
12	31	88.6	9	15	US-10-247-476B-13	Sequence 13, Appl
13	31	88.6	9	15	US-10-247-476B-14	Sequence 14, Appl
14	31	88.6	61	15	US-10-424-599-212895	Sequence 212895,
15	31	88.6	785	16	US-10-437-963-133586	Sequence 133586,
16	31	88.6	1012	16	US-10-437-963-170591	Sequence 170591,
17	30	85.7	42	15	US-10-424-599-284782	Sequence 284782,
18	30	85.7	45	14	US-10-029-386-29370	Sequence 29370, A
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20	30	85.7	65	15	US-10-424-599-203343	Sequence 203343,
21	30	85.7	77	15	US-10-424-599-198418	Sequence 198418,
22	30	85.7	114	16	US-10-767-701-56234	Sequence 56234, A
23	30	85.7	208	15	US-10-282-122A-45253	Sequence 45253, A
24	30	85.7	212	10	US-09-791-932-84	Sequence 84, Appl
25	30	85.7	228	15	US-10-425-114-70797	Sequence 70797, A
26	30	85.7	229	16	US-10-437-963-166745	Sequence 166745,
27	30	85.7	230	16	US-10-437-963-104213	Sequence 104213,
28	30	85.7	251	15	US-10-310-154-707	Sequence 707, App
29	30	85.7	289	13	US-10-047-676A-4	Sequence 4, Appli
30	30	85.7	309	9	US-09-801-368-290	Sequence 290, App
31	30	85.7	577	16	US-10-631-581-31	Sequence 31, Appl
32	30	85.7	670	14	US-10-032-585-7568	Sequence 7568, Ap
33	30	85.7	679	15	US-10-282-122A-52428	Sequence 52428, A
34	30	85.7	957	16	US-10-437-963-167447	Sequence 167447,
35	30	85.7	967	15	US-10-425-114-58755	Sequence 58755, A
36	30	85.7	967	15	US-10-425-114-62853	Sequence 62853, A
37	30	85.7	1171	15	US-10-282-122A-51805	Sequence 51805, A
38	29	82.9	18	16	US-10-302-547-124	Sequence 124, App
39	29	82.9	74	15	US-10-424-599-243043	Sequence 243043,
40	29	82.9	75	15	US-10-424-599-159533	Sequence 159533,
41	29	82.9	99	15	US-10-424-599-269978	Sequence 269978,
42	29	82.9	181	16	US-10-767-701-37460	Sequence 37460, A
43	29	82.9	205	15	US-10-424-599-212824	Sequence 212824,
44	29	82.9	248	15	US-10-424-599-265470	Sequence 265470,
45	29	82.9	249	16	US-10-437-963-132560	Sequence 132560,
46	29	82.9	262	16	US-10-437-963-132559	Sequence 132559,
47	29	82.9	306	15	US-10-425-114-69492	Sequence 69492, A
48	29	82.9	346	15	US-10-425-114-56348	Sequence 56348, A
49	29	82.9	360	15	US-10-425-114-69594	Sequence 69594, A
50	29	82.9	461	16	US-10-767-701-44395	Sequence 44395, A
51	29	82.9	485	15	US-10-369-493-4906	Sequence 4906, Ap
52	29	82.9	536	15	US-10-369-493-7664	Sequence 7664, Ap
53	29	82.9	564	15	US-10-369-493-1706	Sequence 1706, Ap
54	29	82.9	564	15	US-10-369-493-2006	Sequence 2006, Ap
55	29	82.9	987	16	US-10-437-963-119932	Sequence 119932,
56	29	82.9	1014	15	US-10-424-599-157075	Sequence 157075,
57	29	82.9	1279	10	US-09-882-227-388	Sequence 388, App
58	29	82.9	2223	15	US-10-628-088-408	Sequence 408, App
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61	28	80.0	63	15	US-10-424-599-155562	Sequence 155562,
62	28	80.0	67	15	US-10-291-172-312	Sequence 312, App
63	28	80.0	67	15	US-10-221-278-312	Sequence 312, App
64	28	80.0	72	15	US-10-424-599-213192	Sequence 213192,
65	28	80.0	73	15	US-10-264-049-2302	Sequence 2302, Ap
66	28	80.0	83	15	US-10-424-599-266486	Sequence 266486,
67	28	80.0	102	15	US-10-424-599-269104	Sequence 269104,
68	28	80.0	106	15	US-10-291-172-688	Sequence 688, App
69	28	80.0	106	15	US-10-221-278-688	Sequence 688, App
70	28	80.0	112	15	US-10-424-599-155874	Sequence 155874,
71	28	80.0	115	15	US-10-425-114-68048	Sequence 68048, A
72	28	80.0	250	14	US-10-234-432-25	Sequence 25, Appl
73	28	80.0	257	10	US-09-870-406A-53	Sequence 53, Appl
74	28	80.0	257	14	US-10-159-901-53	Sequence 53, Appl
75	28	80.0	279	14	US-10-042-894A-10	Sequence 10, Appl
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81	28	80.0	321	9	US-09-989-727-36	Sequence 36, Appl
82	28	80.0	321	9	US-09-989-731-36	Sequence 36, Appl
83	28	80.0	321	9	US-09-989-732-36	Sequence 36, Appl
84	28	80.0	321	9	US-09-991-073-36	Sequence 36, Appl
85	28	80.0	321	9	US-09-990-442-36	Sequence 36, Appl
86	28	80.0	321	9	US-09-991-163-36	Sequence 36, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 11.8032 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-7
Perfect score: 35
Sequence: 1 KFLKFLK 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	35	100.0	7	1	US-07-819-893-9	Sequence 9, Appli
2	35	100.0	7	1	US-08-280-397-9	Sequence 9, Appli
3	35	100.0	7	1	US-08-097-830E-7	Sequence 7, Appli
4	35	100.0	7	2	US-08-456-112B-7	Sequence 7, Appli
5	35	100.0	7	2	US-08-456-112B-38	Sequence 38, Appl
6	35	100.0	10	1	US-08-097-830E-8	Sequence 8, Appli
7	35	100.0	10	2	US-08-456-112B-8	Sequence 8, Appli
8	35	100.0	10	2	US-08-456-112B-41	Sequence 41, Appl
9	35	100.0	11	1	US-08-049-871-8	Sequence 8, Appli
10	35	100.0	11	1	US-07-819-893-8	Sequence 8, Appli
11	35	100.0	11	1	US-08-280-397-8	Sequence 8, Appli
12	35	100.0	11	2	US-08-456-112B-37	Sequence 37, Appl
13	35	100.0	12	1	US-08-097-830E-20	Sequence 20, Appl
14	35	100.0	12	2	US-08-456-112B-20	Sequence 20, Appl
15	32	91.4	138	4	US-09-270-767-36351	Sequence 36351, A
16	32	91.4	138	4	US-09-270-767-51568	Sequence 51568, A
17	30	85.7	103	4	US-09-732-210-1231	Sequence 1231, Ap
18	30	85.7	114	4	US-09-540-236-1979	Sequence 1979, Ap
19	30	85.7	151	3	US-09-134-001C-5595	Sequence 5595, Ap
20	30	85.7	167	4	US-09-710-279-1802	Sequence 1802, Ap
21	30	85.7	219	4	US-09-583-110-5079	Sequence 5079, Ap
22	30	85.7	225	4	US-09-328-352-6504	Sequence 6504, Ap
23	30	85.7	289	3	US-09-627-376-4	Sequence 4, Appli
24	30	85.7	289	4	US-10-047-676B-4	Sequence 4, Appli
25	30	85.7	323	4	US-09-328-352-7120	Sequence 7120, Ap
26	30	85.7	360	4	US-09-949-016-10589	Sequence 10589, A
27	30	85.7	373	4	US-09-489-039A-8389	Sequence 8389, Ap
28	30	85.7	376	4	US-09-248-796A-16143	Sequence 16143, A
29	30	85.7	403	4	US-09-248-796A-14239	Sequence 14239, A
30	30	85.7	438	4	US-09-134-000C-4760	Sequence 4760, Ap
31	30	85.7	676	4	US-09-248-796A-17893	Sequence 17893, A
32	29	82.9	208	4	US-09-248-796A-20557	Sequence 20557, A
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34	29	82.9	555	4	US-09-489-039A-10752	Sequence 10752, A
35	28	80.0	73	4	US-09-248-796A-27744	Sequence 27744, A
36	28	80.0	84	4	US-09-328-352-4976	Sequence 4976, Ap
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38	28	80.0	97	4	US-09-134-000C-4160	Sequence 4160, Ap
39	28	80.0	116	1	US-08-702-344-21	Sequence 21, Appl
40	28	80.0	132	4	US-09-270-767-44785	Sequence 44785, A
41	28	80.0	153	4	US-09-270-767-47648	Sequence 47648, A
42	28	80.0	154	4	US-09-134-000C-5197	Sequence 5197, Ap
43	28	80.0	259	4	US-09-902-540-16016	Sequence 16016, A
44	28	80.0	301	4	US-09-710-279-206	Sequence 206, App
45	28	80.0	341	4	US-09-248-796A-15858	Sequence 15858, A
46	28	80.0	342	4	US-09-489-039A-12340	Sequence 12340, A
47	28	80.0	503	4	US-09-248-796A-18992	Sequence 18992, A
48	28	80.0	538	4	US-09-270-767-44083	Sequence 44083, A
49	28	80.0	547	4	US-09-248-796A-19600	Sequence 19600, A
50	28	80.0	698	4	US-09-579-692B-60	Sequence 60, Appl
51	28	80.0	718	3	US-09-346-237-10	Sequence 10, Appl
52	28	80.0	754	4	US-09-270-767-42479	Sequence 42479, A
53	28	80.0	867	4	US-09-417-485D-2	Sequence 2, Appli
54	28	80.0	867	4	US-09-417-485D-4	Sequence 4, Appli
55	28	80.0	887	1	US-08-215-709-1	Sequence 1, Appli
56	28	80.0	892	4	US-09-489-039A-12282	Sequence 12282, A
57	28	80.0	1140	4	US-09-579-692B-8	Sequence 8, Appli
58	27	77.1	9	2	US-08-456-112B-40	Sequence 40, Appl
59	27	77.1	10	1	US-08-097-830E-10	Sequence 10, Appl
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61	27	77.1	20	3	US-08-940-424-9	Sequence 9, Appli
62	27	77.1	58	4	US-09-621-976-7068	Sequence 7068, Ap
63	27	77.1	61	4	US-09-107-532A-7158	Sequence 7158, Ap
64	27	77.1	65	4	US-09-248-796A-24449	Sequence 24449, A
65	27	77.1	74	4	US-09-248-796A-25684	Sequence 25684, A
66	27	77.1	119	3	US-08-890-865A-17	Sequence 17, Appl
67	27	77.1	125	4	US-09-270-767-39180	Sequence 39180, A
68	27	77.1	125	4	US-09-270-767-54397	Sequence 54397, A
69	27	77.1	141	4	US-09-328-352-6351	Sequence 6351, Ap
70	27	77.1	166	4	US-09-270-767-36357	Sequence 36357, A
71	27	77.1	166	4	US-09-270-767-51574	Sequence 51574, A
72	27	77.1	173	4	US-09-270-767-37478	Sequence 37478, A
73	27	77.1	173	4	US-09-270-767-52695	Sequence 52695, A
74	27	77.1	207	4	US-09-270-767-34523	Sequence 34523, A
75	27	77.1	207	4	US-09-270-767-49740	Sequence 49740, A
76	27	77.1	235	4	US-09-248-796A-15246	Sequence 15246, A
77	27	77.1	237	4	US-09-602-777A-180	Sequence 180, App
78	27	77.1	249	4	US-09-248-796A-27561	Sequence 27561, A
79	27	77.1	253	4	US-09-270-767-40298	Sequence 40298, A
80	27	77.1	253	4	US-09-270-767-55514	Sequence 55514, A
81	27	77.1	292	4	US-09-406-045-5	Sequence 5, Appli
82	27	77.1	318	4	US-09-585-858-43	Sequence 43, Appl
83	27	77.1	318	4	US-10-270-878-43	Sequence 43, Appl
84	27	77.1	339	4	US-09-692-570-6	Sequence 6, Appli
85	27	77.1	347	3	US-08-445-515-58	Sequence 58, Appl
86	27	77.1	348	3	US-08-445-515-56	Sequence 56, Appl
87	27	77.1	378	4	US-09-107-532A-4777	Sequence 4777, Ap
88	27	77.1	400	4	US-09-198-452A-302	Sequence 302, App
89	27	77.1	400	4	US-09-438-185A-291	Sequence 291, App
90	27	77.1	420	2	US-08-588-258B-40	Sequence 40, Appl
91	27	77.1	420	5	PCT-US96-08295-40	Sequence 40, Appl
92	27	77.1	488	4	US-09-248-796A-19601	Sequence 19601, A
93	27	77.1	536	4	US-09-248-796A-20455	Sequence 20455, A
94	27	77.1	550	4	US-09-328-352-5727	Sequence 5727, Ap
95	27	77.1	552	4	US-09-248-796A-25337	Sequence 25337, A
96	27	77.1	610	4	US-09-248-796A-17030	Sequence 17030, A
97	27	77.1	617	4	US-09-198-452A-155	Sequence 155, App
98	27	77.1	617	4	US-09-438-185A-138	Sequence 138, App
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OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 30.1596 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-6
Perfect score: 34
Sequence: 1 KFLKKTL 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	30	88.2	10	9	US-09-124-280A-36	Sequence 36, Appl
5	30	88.2	36	15	US-10-424-599-227949	Sequence 227949,
6	30	88.2	59	11	US-09-989-890-188	Sequence 188, App
7	30	88.2	59	14	US-10-074-511-67	Sequence 67, Appl
8	30	88.2	74	15	US-10-424-599-277078	Sequence 277078,
9	30	88.2	145	15	US-10-425-114-61892	Sequence 61892, A
10	30	88.2	145	15	US-10-425-114-66205	Sequence 66205, A
11	30	88.2	145	15	US-10-425-114-66468	Sequence 66468, A
12	30	88.2	145	15	US-10-425-114-67300	Sequence 67300, A
13	30	88.2	145	15	US-10-425-114-67358	Sequence 67358, A
14	30	88.2	145	15	US-10-425-114-67735	Sequence 67735, A
15	30	88.2	176	15	US-10-282-122A-44416	Sequence 44416, A
16	30	88.2	177	15	US-10-335-977-5606	Sequence 5606, Ap
17	30	88.2	221	16	US-10-767-701-55755	Sequence 55755, A
18	30	88.2	237	15	US-10-425-114-52915	Sequence 52915, A
19	30	88.2	309	16	US-10-469-061A-42	Sequence 42, Appl
20	30	88.2	470	13	US-10-001-189-65	Sequence 65, Appl
21	30	88.2	569	15	US-10-424-599-217393	Sequence 217393,
22	30	88.2	586	15	US-10-424-599-230772	Sequence 230772,
23	30	88.2	621	15	US-10-282-122A-52201	Sequence 52201, A
24	30	88.2	628	15	US-10-425-114-41326	Sequence 41326, A
25	30	88.2	843	16	US-10-437-963-134152	Sequence 134152,
26	30	88.2	985	16	US-10-437-963-105070	Sequence 105070,
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28	29	85.3	13	10	US-09-820-053A-75	Sequence 75, Appl
29	29	85.3	13	10	US-09-820-053A-77	Sequence 77, Appl
30	29	85.3	13	10	US-09-820-053A-153	Sequence 153, App
31	29	85.3	13	14	US-10-109-171-75	Sequence 75, Appl
32	29	85.3	13	14	US-10-109-171-77	Sequence 77, Appl
33	29	85.3	13	14	US-10-109-171-153	Sequence 153, App
34	29	85.3	50	15	US-10-424-599-191010	Sequence 191010,
35	29	85.3	57	9	US-09-764-877-1125	Sequence 1125, Ap
36	29	85.3	57	15	US-10-242-515-1125	Sequence 1125, Ap
37	29	85.3	65	15	US-10-424-599-273033	Sequence 273033,
38	29	85.3	79	15	US-10-424-599-161867	Sequence 161867,
39	29	85.3	84	16	US-10-767-701-59409	Sequence 59409, A
40	29	85.3	105	15	US-10-424-599-230896	Sequence 230896,
41	29	85.3	245	16	US-10-437-963-133848	Sequence 133848,
42	29	85.3	248	15	US-10-369-493-2059	Sequence 2059, Ap
43	29	85.3	264	15	US-10-410-031-167	Sequence 167, App
44	29	85.3	326	15	US-10-369-493-6333	Sequence 6333, Ap
45	29	85.3	370	14	US-10-361-460-6	Sequence 6, Appli
46	29	85.3	373	15	US-10-282-122A-43721	Sequence 43721, A
47	29	85.3	375	14	US-10-361-460-5	Sequence 5, Appli
48	29	85.3	382	15	US-10-425-114-58766	Sequence 58766, A
49	29	85.3	385	15	US-10-425-114-60177	Sequence 60177, A
50	29	85.3	404	15	US-10-425-114-47452	Sequence 47452, A
51	29	85.3	407	15	US-10-425-114-41115	Sequence 41115, A
52	29	85.3	607	15	US-10-282-122A-78019	Sequence 78019, A
53	29	85.3	609	16	US-10-437-963-163171	Sequence 163171,
54	29	85.3	662	15	US-10-424-599-212511	Sequence 212511,
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57	28	82.4	105	15	US-10-424-599-203338	Sequence 203338,
58	28	82.4	107	15	US-10-424-599-146263	Sequence 146263,
59	28	82.4	129	15	US-10-424-599-187199	Sequence 187199,
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63	28	82.4	234	9	US-09-815-242-11592	Sequence 11592, A
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65	28	82.4	234	15	US-10-335-977-7007	Sequence 7007, Ap
66	28	82.4	265	15	US-10-424-599-172909	Sequence 172909,
67	28	82.4	271	15	US-10-282-122A-53022	Sequence 53022, A
68	28	82.4	273	15	US-10-389-566-650	Sequence 650, App
69	28	82.4	347	15	US-10-346-198-80	Sequence 80, Appl
70	28	82.4	350	15	US-10-425-114-63582	Sequence 63582, A
71	28	82.4	371	16	US-10-437-963-122405	Sequence 122405,
72	28	82.4	405	15	US-10-389-566-1440	Sequence 1440, Ap
73	28	82.4	521	9	US-09-962-834A-2	Sequence 2, Appli
74	28	82.4	521	10	US-09-851-873-103	Sequence 103, App
75	28	82.4	521	14	US-10-439-676-2	Sequence 2, Appli
76	28	82.4	535	16	US-10-474-776-327	Sequence 327, App
77	28	82.4	535	17	US-10-472-928-2714	Sequence 2714, Ap
78	28	82.4	537	15	US-10-369-493-22792	Sequence 22792, A
79	28	82.4	558	15	US-10-389-566-2322	Sequence 2322, Ap
80	28	82.4	571	9	US-09-410-194-21	Sequence 21, Appl
81	28	82.4	584	15	US-10-263-929-153	Sequence 153, App
82	28	82.4	890	15	US-10-373-238-14	Sequence 14, Appl
83	28	82.4	1051	17	US-10-494-921-55	Sequence 55, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 11.8032 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-6
Perfect score: 34
Sequence: 1 KFLKKTL 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
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2	34	100.0	7	2	US-08-456-112B-6	Sequence 6, Appli
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5	30	88.2	6	1	US-08-049-871-3	Sequence 3, Appli
6	30	88.2	6	1	US-07-819-893-3	Sequence 3, Appli
7	30	88.2	6	1	US-08-280-397-3	Sequence 3, Appli
8	30	88.2	6	1	US-08-097-830E-30	Sequence 30, Appl
9	30	88.2	6	2	US-08-456-112B-32	Sequence 32, Appl
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11	30	88.2	10	1	US-07-819-893-7	Sequence 7, Appli
12	30	88.2	10	1	US-08-280-397-7	Sequence 7, Appli
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16	30	88.2	10	3	US-08-477-778-7	Sequence 7, Appli
17	30	88.2	10	5	PCT-US94-01234-46	Sequence 46, Appl
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21	30	88.2	309	4	US-09-704-640-72	Sequence 72, Appl
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53	27	79.4	240	4	US-09-270-767-52964	Sequence 52964, A
54	27	79.4	285	4	US-09-248-796A-14945	Sequence 14945, A
55	27	79.4	289	4	US-09-270-767-44861	Sequence 44861, A
56	27	79.4	503	3	US-09-068-195-24	Sequence 24, Appl
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58	27	79.4	545	4	US-09-248-796A-16759	Sequence 16759, A
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66	27	79.4	1802	3	US-09-322-478-18	Sequence 18, Appl
67	27	79.4	1802	4	US-09-586-106D-18	Sequence 18, Appl
68	27	79.4	2175	4	US-09-693-205A-8	Sequence 8, Appli
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70	27	79.4	3829	4	US-09-693-205A-16	Sequence 16, Appl
71	27	79.4	3830	4	US-09-693-205A-4	Sequence 4, Appli
72	26	76.5	77	4	US-09-270-767-58941	Sequence 58941, A
73	26	76.5	88	4	US-09-248-796A-25568	Sequence 25568, A
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75	26	76.5	122	4	US-09-489-039A-11274	Sequence 11274, A
76	26	76.5	148	4	US-09-732-210-328	Sequence 328, App
77	26	76.5	151	4	US-09-270-767-42527	Sequence 42527, A
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79	26	76.5	155	4	US-09-270-767-51212	Sequence 51212, A
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81	26	76.5	168	4	US-09-248-796A-21315	Sequence 21315, A
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83	26	76.5	177	4	US-09-270-767-55622	Sequence 55622, A
84	26	76.5	231	4	US-09-328-352-5790	Sequence 5790, Ap
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86	26	76.5	245	4	US-09-270-767-44263	Sequence 44263, A
87	26	76.5	268	4	US-09-198-452A-593	Sequence 593, App
88	26	76.5	289	3	US-09-627-376-4	Sequence 4, Appli
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92	26	76.5	310	4	US-09-270-767-43571	Sequence 43571, A
93	26	76.5	310	4	US-09-270-767-56220	Sequence 56220, A
94	26	76.5	314	4	US-09-438-185A-555	Sequence 555, App
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96	26	76.5	326	4	US-09-345-473E-10	Sequence 10, Appl
97	26	76.5	332	4	US-09-583-110-3964	Sequence 3964, Ap
98	26	76.5	351	1	US-08-468-847B-16	Sequence 16, Appl
99	26	76.5	351	4	US-09-495-448A-34	Sequence 34, Appl
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OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-5
Perfect score: 55
Sequence: 1 KFKFKFKFKF 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	55	100.0	10	9	US-09-124-280A-5	Sequence 5, Appli
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4	44	80.0	10	9	US-09-124-280A-43	Sequence 43, Appl
5	43	78.2	12	14	US-10-192-832-15	Sequence 15, Appl
6	41	74.5	10	9	US-09-124-280A-15	Sequence 15, Appl
7	41	74.5	178	15	US-10-424-599-231286	Sequence 231286,
8	40	72.7	20	9	US-09-778-200-30	Sequence 30, Appl
9	40	72.7	20	14	US-10-192-832-33	Sequence 33, Appl
10	39	70.9	93	16	US-10-437-963-118223	Sequence 118223,
11	38	69.1	68	15	US-10-424-599-173645	Sequence 173645,
12	37	67.3	47	15	US-10-424-599-156932	Sequence 156932,
13	37	67.3	52	15	US-10-424-599-144523	Sequence 144523,
14	37	67.3	92	15	US-10-424-599-158593	Sequence 158593,
15	37	67.3	501	16	US-10-437-963-146991	Sequence 146991,
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17	36	65.5	8	14	US-10-192-832-16	Sequence 16, Appl
18	36	65.5	111	16	US-10-767-701-33165	Sequence 33165, A
19	36	65.5	224	15	US-10-424-599-268213	Sequence 268213,
20	36	65.5	305	13	US-10-108-605-267	Sequence 267, App
21	35	63.6	56	15	US-10-424-599-267420	Sequence 267420,
22	35	63.6	92	15	US-10-424-599-190096	Sequence 190096,
23	35	63.6	162	15	US-10-424-599-168846	Sequence 168846,
24	35	63.6	299	15	US-10-282-122A-51689	Sequence 51689, A
25	35	63.6	378	15	US-10-424-599-258970	Sequence 258970,
26	35	63.6	434	15	US-10-369-493-22476	Sequence 22476, A
27	35	63.6	497	15	US-10-425-114-65396	Sequence 65396, A
28	35	63.6	522	15	US-10-094-749-1907	Sequence 1907, Ap
29	35	63.6	1090	10	US-09-949-029-112	Sequence 112, App
30	35	63.6	1709	15	US-10-197-824-13	Sequence 13, Appl
31	35	63.6	1741	10	US-09-949-029-111	Sequence 111, App
32	35	63.6	1744	15	US-10-197-824-11	Sequence 11, Appl
33	35	63.6	1908	15	US-10-197-824-15	Sequence 15, Appl
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35	34	61.8	69	16	US-10-437-963-120179	Sequence 120179,
36	34	61.8	73	15	US-10-424-599-271489	Sequence 271489,
37	34	61.8	95	15	US-10-424-599-270141	Sequence 270141,
38	34	61.8	95	15	US-10-425-114-44444	Sequence 44444, A
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42	34	61.8	425	15	US-10-452-024-137	Sequence 137, App
43	34	61.8	440	15	US-10-163-106B-20	Sequence 20, Appl
44	34	61.8	441	10	US-09-910-346C-20	Sequence 20, Appl
45	34	61.8	441	13	US-10-011-588-7	Sequence 7, Appli
46	34	61.8	441	13	US-10-011-588-23	Sequence 23, Appl
47	34	61.8	451	15	US-10-452-024-133	Sequence 133, App
48	34	61.8	458	14	US-10-241-596-114	Sequence 114, App
49	34	61.8	497	15	US-10-425-563-16	Sequence 16, Appl
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56	34	61.8	860	14	US-10-241-596-175	Sequence 175, App
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59	34	61.8	862	14	US-10-241-596-173	Sequence 173, App
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62	34	61.8	866	14	US-10-241-596-88	Sequence 88, Appl
63	34	61.8	866	14	US-10-241-596-104	Sequence 104, App
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65	34	61.8	867	14	US-10-241-596-96	Sequence 96, Appl
66	34	61.8	867	14	US-10-241-596-98	Sequence 98, Appl
67	34	61.8	870	14	US-10-241-596-92	Sequence 92, Appl
68	34	61.8	871	14	US-10-241-596-84	Sequence 84, Appl
69	34	61.8	871	14	US-10-241-596-86	Sequence 86, Appl
70	34	61.8	871	14	US-10-241-596-90	Sequence 90, Appl
71	34	61.8	876	14	US-10-241-596-82	Sequence 82, Appl
72	34	61.8	876	14	US-10-241-596-106	Sequence 106, App
73	34	61.8	876	14	US-10-241-596-108	Sequence 108, App
74	34	61.8	888	14	US-10-241-596-112	Sequence 112, App
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76	34	61.8	1169	14	US-10-241-596-20	Sequence 20, Appl
77	34	61.8	1290	15	US-10-360-101-220	Sequence 220, App
78	34	61.8	1290	15	US-10-452-024-119	Sequence 119, App
79	34	61.8	1291	15	US-10-354-774-40	Sequence 40, Appl
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81	34	61.8	1291	15	US-10-271-012-40	Sequence 40, Appl
82	34	61.8	1291	15	US-10-271-012-42	Sequence 42, Appl
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-5
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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13	36	65.5	212	4	US-09-270-767-39848	Sequence 39848, A
14	36	65.5	212	4	US-09-270-767-55065	Sequence 55065, A
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91	31	56.4	507	4	US-09-949-016-10802	Sequence 10802, A
92	31	56.4	530	4	US-09-270-767-41568	Sequence 41568, A
93	31	56.4	918	4	US-09-270-767-45370	Sequence 45370, A
94	31	56.4	1078	4	US-09-583-110-4036	Sequence 4036, Ap
95	31	56.4	1080	4	US-09-107-433-4843	Sequence 4843, Ap
96	30.5	55.5	265	4	US-09-248-796A-27725	Sequence 27725, A
97	30	54.5	11	4	US-09-525-269A-19	Sequence 19, Appl
98	30	54.5	20	4	US-08-634-332A-19	Sequence 19, Appl
99	30	54.5	22	4	US-09-270-767-57136	Sequence 57136, A
100	30	54.5	28	1	US-08-311-611A-95	Sequence 95, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-4
Perfect score: 55
Sequence: 1 KDKDKDKDKD 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
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8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	55	100.0	10	9	US-09-124-280A-4	Sequence 4, Appli
2	55	100.0	201	15	US-10-425-114-70425	Sequence 70425, A
3	55	100.0	216	15	US-10-425-114-68080	Sequence 68080, A
4	55	100.0	459	16	US-10-767-701-45450	Sequence 45450, A
5	55	100.0	899	16	US-10-437-963-122313	Sequence 122313,
6	51	92.7	218	15	US-10-425-114-64096	Sequence 64096, A
7	51	92.7	257	15	US-10-225-066A-714	Sequence 714, App
8	51	92.7	257	15	US-10-374-780A-1992	Sequence 1992, Ap
9	51	92.7	257	15	US-10-412-699B-1768	Sequence 1768, Ap
10	51	92.7	488	15	US-10-108-260A-3519	Sequence 3519, Ap
11	49	89.1	151	14	US-10-263-828-81	Sequence 81, Appl
12	49	89.1	294	15	US-10-424-599-237559	Sequence 237559,
13	49	89.1	580	15	US-10-424-599-237561	Sequence 237561,
14	48	87.3	160	15	US-10-424-599-249584	Sequence 249584,
15	48	87.3	205	15	US-10-424-599-267199	Sequence 267199,
16	48	87.3	273	16	US-10-437-963-190100	Sequence 190100,
17	47	85.5	94	16	US-10-767-701-32420	Sequence 32420, A
18	47	85.5	257	15	US-10-424-599-281302	Sequence 281302,
19	47	85.5	941	14	US-10-032-585-7930	Sequence 7930, Ap
20	47	85.5	1259	14	US-10-032-585-7120	Sequence 7120, Ap
21	46	83.6	268	16	US-10-437-963-203813	Sequence 203813,
22	46	83.6	373	16	US-10-408-765A-1630	Sequence 1630, Ap
23	46	83.6	566	16	US-10-437-963-203809	Sequence 203809,
24	46	83.6	1566	14	US-10-177-293-366	Sequence 366, App
25	46	83.6	1566	15	US-10-435-696-30	Sequence 30, Appl
26	46	83.6	1566	15	US-10-425-970-2	Sequence 2, Appli
27	45	81.8	110	15	US-10-424-599-218536	Sequence 218536,
28	45	81.8	413	15	US-10-425-114-68652	Sequence 68652, A
29	45	81.8	558	16	US-10-437-963-103757	Sequence 103757,
30	45	81.8	1020	15	US-10-267-502-398	Sequence 398, App
31	44	80.0	514	15	US-10-104-047-2661	Sequence 2661, Ap
32	44	80.0	540	15	US-10-276-774-1724	Sequence 1724, Ap
33	44	80.0	624	14	US-10-105-959-4	Sequence 4, Appli
34	44	80.0	624	15	US-10-258-662-20	Sequence 20, Appl
35	44	80.0	752	13	US-10-003-295-2	Sequence 2, Appli
36	44	80.0	752	15	US-10-660-763-2	Sequence 2, Appli
37	44	80.0	822	13	US-10-003-295-4	Sequence 4, Appli
38	44	80.0	822	15	US-10-660-763-4	Sequence 4, Appli
39	44	80.0	928	13	US-10-108-605-261	Sequence 261, App
40	44	80.0	1257	15	US-10-369-493-6761	Sequence 6761, Ap
41	44	80.0	1487	16	US-10-437-963-161300	Sequence 161300,
42	43	78.2	35	14	US-10-043-344-67	Sequence 67, Appl
43	43	78.2	36	14	US-10-043-344-66	Sequence 66, Appl
44	43	78.2	200	16	US-10-767-701-43004	Sequence 43004, A
45	43	78.2	212	15	US-10-425-114-57740	Sequence 57740, A
46	43	78.2	349	9	US-09-925-297-644	Sequence 644, App
47	43	78.2	385	16	US-10-437-963-132764	Sequence 132764,
48	43	78.2	529	14	US-10-043-344-150	Sequence 150, App
49	43	78.2	547	14	US-10-043-344-149	Sequence 149, App
50	43	78.2	600	15	US-10-424-599-154043	Sequence 154043,
51	43	78.2	644	14	US-10-043-344-6	Sequence 6, Appli
52	43	78.2	647	14	US-10-043-344-148	Sequence 148, App
53	43	78.2	660	14	US-10-043-344-8	Sequence 8, Appli
54	43	78.2	660	14	US-10-043-344-10	Sequence 10, Appl
55	43	78.2	911	16	US-10-437-963-112571	Sequence 112571,
56	42	76.4	117	16	US-10-767-701-62725	Sequence 62725, A
57	42	76.4	136	14	US-10-342-224-106	Sequence 106, App
58	42	76.4	184	15	US-10-424-599-248564	Sequence 248564,
59	42	76.4	205	16	US-10-437-963-116057	Sequence 116057,
60	42	76.4	237	15	US-10-282-122A-44787	Sequence 44787, A
61	42	76.4	260	15	US-10-425-114-45558	Sequence 45558, A
62	42	76.4	261	15	US-10-424-599-272329	Sequence 272329,
63	42	76.4	362	15	US-10-403-571-156	Sequence 156, App
64	42	76.4	573	16	US-10-437-963-104679	Sequence 104679,
65	42	76.4	633	15	US-10-425-114-56709	Sequence 56709, A
66	42	76.4	734	16	US-10-437-963-168478	Sequence 168478,
67	42	76.4	865	14	US-10-060-065-4	Sequence 4, Appli
68	42	76.4	1027	14	US-10-205-219-123	Sequence 123, App
69	42	76.4	1266	9	US-09-757-781-63	Sequence 63, Appl
70	42	76.4	1266	9	US-09-931-969A-2	Sequence 2, Appli
71	42	76.4	1266	13	US-10-079-699-2	Sequence 2, Appli
72	42	76.4	1356	9	US-09-757-781-2	Sequence 2, Appli
73	41	74.5	95	15	US-10-424-599-247580	Sequence 247580,
74	41	74.5	119	16	US-10-767-701-56710	Sequence 56710, A
75	41	74.5	209	16	US-10-767-701-39778	Sequence 39778, A
76	41	74.5	287	14	US-10-121-209-10	Sequence 10, Appl
77	41	74.5	287	14	US-10-121-209-16	Sequence 16, Appl
78	41	74.5	287	15	US-10-121-539-20	Sequence 20, Appl
79	41	74.5	287	15	US-10-121-539-26	Sequence 26, Appl
80	41	74.5	306	15	US-10-424-599-228613	Sequence 228613,
81	41	74.5	356	16	US-10-437-963-196934	Sequence 196934,
82	41	74.5	459	15	US-10-425-114-59610	Sequence 59610, A
83	41	74.5	665	10	US-09-820-843A-107	Sequence 107, App
84	41	74.5	765	10	US-09-882-274-2	Sequence 2, Appli
85	41	74.5	765	16	US-10-408-765A-1149	Sequence 1149, Ap
86	41	74.5	765	17	US-10-484-577-679	Sequence 679, App

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-4
Perfect score: 55
Sequence: 1 KDKDKDKDKD 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	55	100.0	10	2	US-08-456-112B-4	Sequence 4, Appli
2	55	100.0	422	4	US-09-270-767-46208	Sequence 46208, A
3	55	100.0	560	4	US-09-248-796A-23013	Sequence 23013, A
4	55	100.0	635	4	US-09-248-796A-16944	Sequence 16944, A
5	51	92.7	54	4	US-09-270-767-58902	Sequence 58902, A
6	51	92.7	63	4	US-09-270-767-58546	Sequence 58546, A
7	51	92.7	282	4	US-09-270-767-43536	Sequence 43536, A
8	51	92.7	478	4	US-09-270-767-43204	Sequence 43204, A
9	48	87.3	71	4	US-09-248-796A-24829	Sequence 24829, A
10	48	87.3	207	4	US-09-248-796A-14709	Sequence 14709, A
11	47	85.5	819	4	US-09-248-796A-15758	Sequence 15758, A
12	46	83.6	1566	4	US-09-581-472B-2	Sequence 2, Appli
13	46	83.6	1581	3	US-09-110-517-2	Sequence 2, Appli
14	45	81.8	315	4	US-09-248-796A-18003	Sequence 18003, A
15	45	81.8	417	4	US-09-252-991A-20650	Sequence 20650, A
16	44	80.0	274	4	US-09-270-767-43153	Sequence 43153, A
17	44	80.0	491	4	US-09-248-796A-19540	Sequence 19540, A
18	44	80.0	541	4	US-09-248-796A-18318	Sequence 18318, A
19	44	80.0	752	3	US-09-817-180-2	Sequence 2, Appli
20	44	80.0	752	4	US-10-003-295-2	Sequence 2, Appli
21	44	80.0	822	3	US-09-817-180-4	Sequence 4, Appli
22	44	80.0	822	4	US-10-003-295-4	Sequence 4, Appli
23	44	80.0	822	4	US-09-538-092-866	Sequence 866, App
24	43	78.2	35	1	US-08-487-890A-67	Sequence 67, Appl
25	43	78.2	35	2	US-08-478-435-67	Sequence 67, Appl
26	43	78.2	35	2	US-08-337-483-67	Sequence 67, Appl
27	43	78.2	35	2	US-08-478-373-67	Sequence 67, Appl
28	43	78.2	35	3	US-08-474-671-67	Sequence 67, Appl
29	43	78.2	35	3	US-08-483-577A-67	Sequence 67, Appl
30	43	78.2	35	3	US-08-897-438-67	Sequence 67, Appl
31	43	78.2	35	3	US-08-637-654-67	Sequence 67, Appl
32	43	78.2	35	3	US-08-649-518-67	Sequence 67, Appl
33	43	78.2	36	1	US-08-487-890A-66	Sequence 66, Appl
34	43	78.2	36	2	US-08-478-435-66	Sequence 66, Appl
35	43	78.2	36	2	US-08-337-483-66	Sequence 66, Appl
36	43	78.2	36	2	US-08-478-373-66	Sequence 66, Appl
37	43	78.2	36	3	US-08-474-671-66	Sequence 66, Appl
38	43	78.2	36	3	US-08-483-577A-66	Sequence 66, Appl
39	43	78.2	36	3	US-08-897-438-66	Sequence 66, Appl
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46	43	78.2	529	3	US-08-483-577A-150	Sequence 150, App
47	43	78.2	529	3	US-08-897-438-150	Sequence 150, App
48	43	78.2	529	3	US-08-649-518-150	Sequence 150, App
49	43	78.2	547	3	US-08-483-577A-149	Sequence 149, App
50	43	78.2	547	3	US-08-897-438-149	Sequence 149, App
51	43	78.2	547	3	US-08-649-518-149	Sequence 149, App
52	43	78.2	644	1	US-08-487-890A-6	Sequence 6, Appli
53	43	78.2	644	2	US-08-478-435-6	Sequence 6, Appli
54	43	78.2	644	2	US-08-337-483-6	Sequence 6, Appli
55	43	78.2	644	2	US-08-478-373-6	Sequence 6, Appli
56	43	78.2	644	3	US-08-474-671-6	Sequence 6, Appli
57	43	78.2	644	3	US-08-483-577A-6	Sequence 6, Appli
58	43	78.2	644	3	US-08-897-438-6	Sequence 6, Appli
59	43	78.2	644	3	US-08-637-654-6	Sequence 6, Appli
60	43	78.2	644	3	US-08-649-518-6	Sequence 6, Appli
61	43	78.2	647	3	US-08-483-577A-148	Sequence 148, App
62	43	78.2	647	3	US-08-897-438-148	Sequence 148, App
63	43	78.2	647	3	US-08-649-518-148	Sequence 148, App
64	43	78.2	657	3	US-08-613-009A-19	Sequence 19, Appl
65	43	78.2	657	4	US-08-778-570B-25	Sequence 25, Appl
66	43	78.2	657	4	US-09-059-584-25	Sequence 25, Appl
67	43	78.2	660	1	US-08-487-890A-8	Sequence 8, Appli
68	43	78.2	660	1	US-08-487-890A-10	Sequence 10, Appl
69	43	78.2	660	2	US-08-478-435-8	Sequence 8, Appli
70	43	78.2	660	2	US-08-478-435-10	Sequence 10, Appl
71	43	78.2	660	2	US-08-337-483-8	Sequence 8, Appli
72	43	78.2	660	2	US-08-337-483-10	Sequence 10, Appl
73	43	78.2	660	2	US-08-478-373-8	Sequence 8, Appli
74	43	78.2	660	2	US-08-478-373-10	Sequence 10, Appl
75	43	78.2	660	3	US-08-474-671-8	Sequence 8, Appli
76	43	78.2	660	3	US-08-474-671-10	Sequence 10, Appl
77	43	78.2	660	3	US-08-483-577A-8	Sequence 8, Appli
78	43	78.2	660	3	US-08-483-577A-10	Sequence 10, Appl
79	43	78.2	660	3	US-08-897-438-8	Sequence 8, Appli
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81	43	78.2	660	3	US-08-637-654-8	Sequence 8, Appli
82	43	78.2	660	3	US-08-637-654-10	Sequence 10, Appl
83	43	78.2	660	3	US-08-649-518-8	Sequence 8, Appli
84	43	78.2	660	3	US-08-649-518-10	Sequence 10, Appl
85	42	76.4	114	4	US-09-248-796A-24689	Sequence 24689, A
86	42	76.4	305	4	US-09-328-352-6631	Sequence 6631, Ap
87	42	76.4	359	4	US-09-270-767-42920	Sequence 42920, A
88	42	76.4	1312	4	US-09-270-767-43669	Sequence 43669, A
89	41	74.5	150	3	US-09-395-689-2	Sequence 2, Appli
90	41	74.5	194	4	US-09-270-767-59760	Sequence 59760, A
91	41	74.5	285	4	US-09-248-796A-14945	Sequence 14945, A
92	41	74.5	300	3	US-09-395-689-1	Sequence 1, Appli
93	41	74.5	363	4	US-09-248-796A-15286	Sequence 15286, A
94	41	74.5	366	3	US-08-860-368B-20	Sequence 20, Appl
95	41	74.5	455	4	US-09-270-767-44339	Sequence 44339, A
96	41	74.5	518	4	US-09-248-796A-19845	Sequence 19845, A
97	41	74.5	765	2	US-08-663-112-2	Sequence 2, Appli
98	41	74.5	765	4	US-09-538-092-906	Sequence 906, App
99	41	74.5	2364	4	US-09-538-092-1243	Sequence 1243, Ap
100	40.5	73.6	1213	1	US-08-188-582-20	Sequence 20, Appl

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:43:56 ; Search time 43.0851 Seconds
(without alignments)
76.848 Million cell updates/sec

Title: US-09-124-280A-1
Perfect score: 50
Sequence: 1 KKKKKKKKKK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1407402 seqs, 331100923 residues

Total number of hits satisfying chosen parameters: 1407402

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	50	100.0	10	9	US-09-124-280A-1	Sequence 1, Appli
2	50	100.0	10	10	US-09-882-291-71	Sequence 71, Appl
3	50	100.0	10	14	US-10-075-869-95	Sequence 95, Appl
4	50	100.0	10	15	US-10-366-493-95	Sequence 95, Appl
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77	50	100.0	23	10	US-09-911-569-9	Sequence 9, Appli
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84	50	100.0	24	9	US-09-805-301-112	Sequence 112, App
85	50	100.0	25	9	US-09-864-761-47439	Sequence 47439, A
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 26, 2005, 10:25:00 ; Search time 16.8617 Seconds
(without alignments)
44.271 Million cell updates/sec

Title: US-09-124-280A-1
Perfect score: 50
Sequence: 1 KKKKKKKKKK 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	50	100.0	10	2	US-08-456-112B-1	Sequence 1, Appli
3	50	100.0	10	4	US-09-612-314A-53	Sequence 53, Appl
4	50	100.0	11	1	US-07-694-983-15	Sequence 15, Appl
5	50	100.0	12	3	US-08-584-043A-44	Sequence 44, Appl
6	50	100.0	12	3	US-08-584-043A-100	Sequence 100, App
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